

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006734.D
 Acq On : 15 Nov 2021 14:07
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 16 04:05:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 03:59:14 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/16/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	139879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	215650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	100655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	270511	147.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 295.120%#	
35) Dibromofluoromethane	7.728	113	197764	149.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 298.600%#	
50) Toluene-d8	10.191	98	816058	148.878	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 297.760%#	
62) 4-Bromofluorobenzene	12.489	95	277256	150.038	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 300.080%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	200370	149.161	ug/l	98
3) Chloromethane	2.119	50	300100	148.501	ug/l	100
4) Vinyl Chloride	2.259	62	309443	150.821	ug/l	98
5) Bromomethane	2.643	94	178561	163.330	ug/l	96
6) Chloroethane	2.796	64	184338	146.860	ug/l	96
7) Trichlorofluoromethane	3.137	101	385427	149.896	ug/l	97
8) Diethyl Ether	3.540	74	135904	158.701	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.912	101	207850	152.204	ug/l	98
10) Methyl Iodide	4.107	142	279624	163.808	ug/l	98
11) Tert butyl alcohol	4.984	59	142548	517.033	ug/l	98
12) 1,1-Dichloroethene	3.887	96	211457	156.128	ug/l	94
13) Acrolein	3.741	56	31237	809.914	ug/l	98
14) Allyl chloride	4.497	41	490922	160.920	ug/l	95
15) Acrylonitrile	5.180	53	402608	815.103	ug/l	100
16) Acetone	3.960	43	460437	826.634	ug/l	100
17) Carbon Disulfide	4.210	76	728185	152.315	ug/l	100
18) Methyl Acetate	4.491	43	295320	163.787	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	697525	163.386	ug/l	99
20) Methylene Chloride	4.735	84	237932	120.874	ug/l	95
21) trans-1,2-Dichloroethene	5.241	96	240285	155.297	ug/l	99
22) Diisopropyl ether	6.137	45	962921	159.974	ug/l	97
23) Vinyl Acetate	6.076	43	3011752	828.601	ug/l	98
24) 1,1-Dichloroethane	6.033	63	473587	154.145	ug/l	99
25) 2-Butanone	7.002	43	641675	860.249	ug/l	98
26) 2,2-Dichloropropane	6.996	77	429240	154.613	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	274994	157.365	ug/l	95
28) Bromochloromethane	7.344	49	220087	152.289	ug/l	90
29) Tetrahydrofuran	7.362	42	387543	838.402	ug/l	94
30) Chloroform	7.521	83	456225	154.466	ug/l	100
31) Cyclohexane	7.795	56	477442	148.172	ug/l	93
32) 1,1,1-Trichloroethane	7.716	97	418161	153.625	ug/l	99
36) 1,1-Dichloropropene	7.929	75	368291	157.120	ug/l	99
37) Ethyl Acetate	7.088	43	258216	164.763	ug/l	99
38) Carbon Tetrachloride	7.911	117	374516	156.208	ug/l	100
39) Methylcyclohexane	9.191	83	458177	160.273	ug/l	96
40) Benzene	8.173	78	1035587	156.938	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006734.D
 Acq On : 15 Nov 2021 14:07
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 16 04:05:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 03:59:14 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/16/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	206739m	157.103	ug/l	
42) 1,2-Dichloroethane	8.252	62	345538	157.177	ug/l	99
43) Isopropyl Acetate	8.283	43	496929	169.035	ug/l	98
44) Trichloroethene	8.953	130	251328	156.564	ug/l	99
45) 1,2-Dichloropropane	9.228	63	269718	158.425	ug/l	100
46) Dibromomethane	9.313	93	142228	160.395	ug/l	96
47) Bromodichloromethane	9.508	83	356971	158.522	ug/l	99
48) Methyl methacrylate	9.301	41	240125	172.398	ug/l	93
49) 1,4-Dioxane	9.307	88	35758	3514.376	ug/l	92
51) 4-Methyl-2-Pentanone	10.081	43	1308967	845.302	ug/l	99
52) Toluene	10.252	92	632901	157.949	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	401723	164.119	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	441503	160.827	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	191906	162.112	ug/l	93
56) Ethyl methacrylate	10.514	69	318346	173.009	ug/l	98
57) 1,3-Dichloropropane	10.801	76	356644	165.104	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	836334	830.167	ug/l	96
59) 2-Hexanone	10.837	43	936318	927.877	ug/l	100
60) Dibromochloromethane	10.990	129	230014	158.512	ug/l	99
61) 1,2-Dibromoethane	11.093	107	181280	165.287	ug/l	99
64) Tetrachloroethene	10.727	164	225693	154.283	ug/l	98
65) Chlorobenzene	11.520	112	639251	156.957	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	239317	157.125	ug/l	98
67) Ethyl Benzene	11.599	91	1281693	166.025	ug/l	99
68) m/p-Xylenes	11.709	106	942337	320.292	ug/l	100
69) o-Xylene	12.038	106	447791	160.663	ug/l	99
70) Styrene	12.050	104	766200	162.774	ug/l	99
71) Bromoform	12.215	173	147354	159.840	ug/l #	99
73) Isopropylbenzene	12.337	105	1178321	153.724	ug/l	99
74) N-amyl acetate	12.148	43	438616	178.788	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	229423	161.768	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	182409m	167.460	ug/l	
77) Bromobenzene	12.617	156	265928	152.335	ug/l	93
78) n-propylbenzene	12.678	91	1403260	150.170	ug/l	99
79) 2-Chlorotoluene	12.764	91	746171	145.922	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	933904	148.656	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	91349	165.401	ug/l	95
82) 4-Chlorotoluene	12.861	91	772460	144.510	ug/l	98
83) tert-Butylbenzene	13.081	119	813636	149.114	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	929103	148.127	ug/l	100
85) sec-Butylbenzene	13.257	105	1180810	145.318	ug/l	99
86) p-Isopropyltoluene	13.373	119	1041113	151.354	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	537024	154.471	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	517856	150.946	ug/l	99
89) n-Butylbenzene	13.702	91	933626	143.841	ug/l	99
90) Hexachloroethane	13.965	117	180244	145.398	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	463729	154.774	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	37204	148.403	ug/l	85
93) 1,2,4-Trichlorobenzene	15.013	180	326611	166.629	ug/l	99
94) Hexachlorobutadiene	15.117	225	205164	160.415	ug/l	99
95) Naphthalene	15.239	128	620658	171.171	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	279784	171.295	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006734.D
 Acq On : 15 Nov 2021 14:07
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/16/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 16 04:05:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 03:59:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

