

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006731.D
 Acq On : 15 Nov 2021 12:59
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 16 04:03:41 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	125086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	197924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	184167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	93857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31938	19.481	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.960%#		
35) Dibromofluoromethane	7.728	113	23840	19.610	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.220%#		
50) Toluene-d8	10.191	98	98154	19.510	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	39.020%#		
62) 4-Bromofluorobenzene	12.489	95	32450	19.133	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	38.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	20882	17.383	ug/l	100
3) Chloromethane	2.125	50	32613	18.047	ug/l	99
4) Vinyl Chloride	2.260	62	32645	17.793	ug/l	100
5) Bromomethane	2.650	94	18102	18.516	ug/l	100
6) Chloroethane	2.802	64	21838	19.456	ug/l	92
7) Trichlorofluoromethane	3.137	101	43990	19.131	ug/l	99
8) Diethyl Ether	3.546	74	14571	19.027	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.912	101	23034	18.862	ug/l	98
10) Methyl Iodide	4.107	142	28251	18.507	ug/l	99
11) Tert butyl alcohol	4.960	59	22442	91.025	ug/l #	80
12) 1,1-Dichloroethene	3.887	96	22752	18.785	ug/l	90
13) Acrolein	3.747	56	3874	112.324	ug/l	97
14) Allyl chloride	4.497	41	50025	18.337	ug/l	100
15) Acrylonitrile	5.180	53	41393	93.713	ug/l	97
16) Acetone	3.960	43	43819	87.973	ug/l	100
17) Carbon Disulfide	4.210	76	80406	18.808	ug/l	99
18) Methyl Acetate	4.491	43	30592	18.973	ug/l	97
19) Methyl tert-butyl Ether	5.241	73	71081	18.619	ug/l	98
20) Methylene Chloride	4.735	84	30527	17.342	ug/l	97
21) trans-1,2-Dichloroethene	5.235	96	26313	19.017	ug/l	94
22) Diisopropyl ether	6.137	45	103235	19.179	ug/l	97
23) Vinyl Acetate	6.076	43	307320	94.550	ug/l	98
24) 1,1-Dichloroethane	6.039	63	52333	19.048	ug/l	99
25) 2-Butanone	7.003	43	59934	89.852	ug/l	98
26) 2,2-Dichloropropane	6.996	77	46755	18.833	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	29919	19.146	ug/l	94
28) Bromochloromethane	7.350	49	26377	20.410	ug/l	90
29) Tetrahydrofuran	7.362	42	37966	91.848	ug/l	94
30) Chloroform	7.521	83	50378	19.074	ug/l	95
31) Cyclohexane	7.795	56	52850	18.341	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	46725	19.196	ug/l	99
36) 1,1-Dichloropropene	7.929	75	39897	18.545	ug/l	98
37) Ethyl Acetate	7.088	43	26520	18.438	ug/l	99
38) Carbon Tetrachloride	7.911	117	41605	18.907	ug/l	97
39) Methylcyclohexane	9.191	83	48986	18.670	ug/l	92
40) Benzene	8.173	78	112973	18.654	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	23590m	19.532	ug/l	
42) 1,2-Dichloroethane	8.246	62	38255	18.960	ug/l	97
43) Isopropyl Acetate	8.283	43	49029	18.171	ug/l	99
44) Trichloroethene	8.947	130	28057	19.043	ug/l	96
45) 1,2-Dichloropropane	9.228	63	29527	18.897	ug/l	99
46) Dibromomethane	9.319	93	15173	18.644	ug/l	96
47) Bromodichloromethane	9.508	83	38343	18.552	ug/l	98
48) Methyl methacrylate	9.301	41	22301	17.445	ug/l	95
49) 1,4-Dioxane	9.307	88	3606	386.146	ug/l	98
51) 4-Methyl-2-Pentanone	10.081	43	129115	90.847	ug/l	98
52) Toluene	10.252	92	68904	18.736	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	41599	18.517	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	47192	18.730	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	20767	19.114	ug/l #	91
56) Ethyl methacrylate	10.514	69	31312	18.541	ug/l	99
57) 1,3-Dichloropropane	10.795	76	38636	19.488	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	96338	104.192	ug/l	97
59) 2-Hexanone	10.837	43	88188	95.220	ug/l	100
60) Dibromochloromethane	10.990	129	25364	19.045	ug/l	98
61) 1,2-Dibromoethane	11.093	107	18729	18.606	ug/l	97
64) Tetrachloroethene	10.727	164	24460	18.175	ug/l	98
65) Chlorobenzene	11.526	112	69996	18.681	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	26431	18.863	ug/l	99
67) Ethyl Benzene	11.599	91	129411	18.222	ug/l	100
68) m/p-Xylenes	11.709	106	100720	37.212	ug/l	95
69) o-Xylene	12.038	106	47678	18.594	ug/l	94
70) Styrene	12.050	104	79989	18.471	ug/l	97
71) Bromoform	12.215	173	16554	19.519	ug/l #	99
73) Isopropylbenzene	12.337	105	126935	17.759	ug/l	100
74) N-amyl acetate	12.148	43	33520	14.653	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	22350	16.901	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	17778m	17.503	ug/l	
77) Bromobenzene	12.611	156	30936	19.005	ug/l	92
78) n-propylbenzene	12.678	91	155704	17.870	ug/l	98
79) 2-Chlorotoluene	12.764	91	85605	17.954	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	107625	18.372	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	8159	15.843	ug/l	97
82) 4-Chlorotoluene	12.861	91	90270	18.111	ug/l	97
83) tert-Butylbenzene	13.081	119	94810	18.634	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	108763	18.596	ug/l	99
85) sec-Butylbenzene	13.258	105	140403	18.530	ug/l	99
86) p-Isopropyltoluene	13.373	119	120788	18.832	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	60507	18.665	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	60959	19.055	ug/l	100
89) n-Butylbenzene	13.703	91	113900	18.819	ug/l	99
90) Hexachloroethane	13.965	117	21205	18.344	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	50716	18.153	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4346	18.591	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	32672	17.876	ug/l	98
94) Hexachlorobutadiene	15.117	225	21560	18.078	ug/l	98
95) Naphthalene	15.239	128	58989	17.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	27133	17.815	ug/l	99

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

