

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011326.D
 Acq On : 07 Nov 2022 11:25
 Operator : KP/MD
 Sample : VY1107SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 03:28:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	237162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	376659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	345325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	181608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118031	46.534	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.060%		
35) Dibromofluoromethane	7.710	113	120225	49.679	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.360%		
50) Toluene-d8	10.179	98	452006	48.106	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.220%		
62) 4-Bromofluorobenzene	12.477	95	167051	51.213	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	51929	25.310	ug/l	99
3) Chloromethane	2.107	50	51612	19.626	ug/l	95
4) Vinyl Chloride	2.247	62	59345	20.202	ug/l	98
5) Bromomethane	2.631	94	41200	21.022	ug/l	96
6) Chloroethane	2.784	64	38683	20.493	ug/l	99
7) Trichlorofluoromethane	3.119	101	90584	20.872	ug/l	93
8) Diethyl Ether	3.527	74	31422	20.178	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.887	101	52940	20.289	ug/l	95
10) Methyl Iodide	4.082	142	67481	20.091	ug/l	89
11) Tert butyl alcohol	4.930	59	48849	178.874	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	51950	20.138	ug/l #	81
13) Acrolein	3.723	56	17125	116.534	ug/l	95
14) Allyl chloride	4.472	41	73754	18.874	ug/l #	83
15) Acrylonitrile	5.155	53	78732	100.757	ug/l	96
16) Acetone	3.942	43	64187	83.832	ug/l #	80
17) Carbon Disulfide	4.186	76	163702	19.320	ug/l	100
18) Methyl Acetate	4.472	43	42389	20.912	ug/l #	86
19) Methyl tert-butyl Ether	5.216	73	140139	20.443	ug/l	94
20) Methylene Chloride	4.704	84	103753	31.249	ug/l #	80
21) trans-1,2-Dichloroethene	5.210	96	59909	20.418	ug/l	85
22) Diisopropyl ether	6.112	45	158161	19.522	ug/l #	91
23) Vinyl Acetate	6.051	43	474556	95.966	ug/l #	90
24) 1,1-Dichloroethane	6.015	63	100246	19.758	ug/l	99
25) 2-Butanone	6.978	43	100554	93.338	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	93243	20.098	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	67101	20.755	ug/l	87
28) Bromochloromethane	7.332	49	36317	18.634	ug/l #	74
29) Tetrahydrofuran	7.344	42	62264	99.278	ug/l #	80
30) Chloroform	7.502	83	104621	20.416	ug/l	99
31) Cyclohexane	7.783	56	86874	18.479	ug/l #	83
32) 1,1,1-Trichloroethane	7.697	97	93345	20.538	ug/l	94
36) 1,1-Dichloropropene	7.911	75	79455	20.105	ug/l	96
37) Ethyl Acetate	7.069	43	42292	19.851	ug/l #	91
38) Carbon Tetrachloride	7.893	117	85423	20.835	ug/l	99
39) Methylcyclohexane	9.179	83	98344	20.454	ug/l	90
40) Benzene	8.155	78	239629	20.631	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011326.D
 Acq On : 07 Nov 2022 11:25
 Operator : KP/MD
 Sample : VY1107SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 03:28:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20058m	17.327	ug/l	
42) 1,2-Dichloroethane	8.234	62	64609	20.485	ug/l	91
43) Isopropyl Acetate	8.270	43	75466	20.106	ug/l #	87
44) Trichloroethene	8.935	130	66074	21.257	ug/l	94
45) 1,2-Dichloropropane	9.215	63	58214	20.273	ug/l	96
46) Dibromomethane	9.301	93	34255	21.113	ug/l	98
47) Bromodichloromethane	9.496	83	79537	20.680	ug/l	97
48) Methyl methacrylate	9.289	41	32321	18.747	ug/l #	73
49) 1,4-Dioxane	9.295	88	9427	431.903	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	204944	100.419	ug/l #	84
52) Toluene	10.240	92	152609	21.190	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	83098	20.516	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	95651	20.638	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	49251	21.181	ug/l	98
56) Ethyl methacrylate	10.508	69	62346	20.298	ug/l #	71
57) 1,3-Dichloropropane	10.788	76	82132	20.635	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	153648	106.704	ug/l	94
59) 2-Hexanone	10.831	43	141946	97.421	ug/l	82
60) Dibromochloromethane	10.983	129	59521	21.544	ug/l	99
61) 1,2-Dibromoethane	11.087	107	48167	21.819	ug/l	98
64) Tetrachloroethene	10.715	164	65798	22.431	ug/l	98
65) Chlorobenzene	11.514	112	164435	21.583	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	61255	21.836	ug/l	98
67) Ethyl Benzene	11.587	91	284791	21.073	ug/l	98
68) m/p-Xylenes	11.697	106	226407	43.158	ug/l	94
69) o-Xylene	12.026	106	105799	21.515	ug/l	93
70) Styrene	12.044	104	180269	21.624	ug/l	95
71) Bromoform	12.203	173	38620	22.150	ug/l #	99
73) Isopropylbenzene	12.325	105	281160	20.707	ug/l	100
74) N-amyl acetate	12.142	43	64247	18.849	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	56690	20.176	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	40248m	18.204	ug/l	
77) Bromobenzene	12.605	156	66601	20.853	ug/l	96
78) n-propylbenzene	12.666	91	341398	20.548	ug/l	98
79) 2-Chlorotoluene	12.751	91	194181	20.397	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	241060	20.980	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	20626	19.966	ug/l #	81
82) 4-Chlorotoluene	12.849	91	202003	20.591	ug/l	99
83) tert-Butylbenzene	13.075	119	205937	20.801	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	237180	20.871	ug/l	98
85) sec-Butylbenzene	13.251	105	306860	20.905	ug/l	99
86) p-Isopropyltoluene	13.367	119	256414	20.958	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	134812	21.050	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	134034	20.867	ug/l	99
89) n-Butylbenzene	13.690	91	235543	20.617	ug/l	99
90) Hexachloroethane	13.958	117	50200	20.516	ug/l	93
91) 1,2-Dichlorobenzene	13.733	146	120914	21.137	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9984	20.742	ug/l	84
93) 1,2,4-Trichlorobenzene	15.001	180	71249	20.607	ug/l	99
94) Hexachlorobutadiene	15.105	225	44109	21.910	ug/l	98
95) Naphthalene	15.233	128	140552	19.974	ug/l	98
96) 1,2,3-Trichlorobenzene	15.416	180	61972	20.395	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011326.D
 Acq On : 07 Nov 2022 11:25
 Operator : KP/MD
 Sample : VY1107SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VY1107SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 03:28:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

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

