

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092922\
 Data File : VY010728.D
 Acq On : 29 Sep 2022 14:06
 Operator : KP/MD
 Sample : VY0929SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0929SBS01

Quant Time: Sep 30 08:19:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

09/30/2022

Supervised By :Mahesh
 Dadoda

10/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	246509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	393337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	350247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	172075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	122928	52.137	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.280%			
35) Dibromofluoromethane	7.716	113	117030	46.620	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.240%			
50) Toluene-d8	10.179	98	450834	48.682	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.360%			
62) 4-Bromofluorobenzene	12.477	95	151813	43.754	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	27928	21.138	ug/l	99
3) Chloromethane	2.113	50	41261	22.047	ug/l	98
4) Vinyl Chloride	2.247	62	52623	22.129	ug/l	100
5) Bromomethane	2.637	94	38760	23.672	ug/l	99
6) Chloroethane	2.790	64	38470	22.154	ug/l	99
7) Trichlorofluoromethane	3.119	101	71676	22.129	ug/l	92
8) Diethyl Ether	3.521	74	22460	20.224	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.893	101	42260	21.678	ug/l	95
10) Methyl Iodide	4.088	142	47152	20.938	ug/l	92
11) Tert butyl alcohol	4.930	59	48022	226.561	ug/l #	77
12) 1,1-Dichloroethene	3.869	96	37031	21.274	ug/l	85
13) Acrolein	3.728	56	8586	78.281	ug/l	99
14) Allyl chloride	4.472	41	57515	21.916	ug/l #	94
15) Acrylonitrile	5.155	53	59036	102.419	ug/l	99
16) Acetone	3.942	43	51586	107.288	ug/l	93
17) Carbon Disulfide	4.186	76	88335	23.563	ug/l	100
18) Methyl Acetate	4.472	43	34493	24.298	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	109739	20.221	ug/l	95
20) Methylene Chloride	4.710	84	59865	15.110	ug/l #	84
21) trans-1,2-Dichloroethene	5.216	96	43194	22.051	ug/l	88
22) Diisopropyl ether	6.112	45	132523	21.393	ug/l #	94
23) Vinyl Acetate	6.057	43	368145	100.599	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	81548	21.933	ug/l	99
25) 2-Butanone	6.984	43	77350	102.849	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	78898	22.068	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	51827	21.237	ug/l	92
28) Bromochloromethane	7.332	49	19555	15.165	ug/l	84
29) Tetrahydrofuran	7.344	42	46445	100.548	ug/l #	83
30) Chloroform	7.502	83	85795	21.329	ug/l	100
31) Cyclohexane	7.783	56	66248	23.081	ug/l #	90
32) 1,1,1-Trichloroethane	7.697	97	77248	21.578	ug/l	97
36) 1,1-Dichloropropene	7.917	75	60191	21.520	ug/l	98
37) Ethyl Acetate	7.069	43	32599	20.178	ug/l #	92
38) Carbon Tetrachloride	7.898	117	69063	21.475	ug/l	99
39) Methylcyclohexane	9.179	83	69487	21.226	ug/l	92
40) Benzene	8.155	78	180281	21.621	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092922\
 Data File : VY010728.D
 Acq On : 29 Sep 2022 14:06
 Operator : KP/MD
 Sample : VY0929SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0929SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel
 09/30/2022

Supervised By :Mahesh
 Dadoda
 10/05/2022

Quant Time: Sep 30 08:19:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.307	41	15482	18.789	ug/l	#	1
42) 1,2-Dichloroethane	8.234	62	55069	21.448	ug/l		93
43) Isopropyl Acetate	8.270	43	59869	20.217	ug/l	#	90
44) Trichloroethene	8.935	130	49231	20.625	ug/l		93
45) 1,2-Dichloropropane	9.209	63	45729	21.200	ug/l		95
46) Dibromomethane	9.301	93	26057	20.570	ug/l		97
47) Bromodichloromethane	9.496	83	66189	21.162	ug/l		97
48) Methyl methacrylate	9.288	41	25650	19.621	ug/l	#	80
49) 1,4-Dioxane	9.295	88	6866	368.602	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.069	43	163819	97.983	ug/l		90
52) Toluene	10.240	92	114902	21.061	ug/l		97
53) t-1,3-Dichloropropene	10.465	75	64367	20.352	ug/l		99
54) cis-1,3-Dichloropropene	9.929	75	74255	21.059	ug/l	#	88
55) 1,1,2-Trichloroethane	10.642	97	38648	20.742	ug/l		96
56) Ethyl methacrylate	10.508	69	46476	19.254	ug/l	#	82
57) 1,3-Dichloropropane	10.788	76	63971	20.727	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.782	63	95539	84.667	ug/l		95
59) 2-Hexanone	10.831	43	110142	97.193	ug/l		88
60) Dibromochloromethane	10.983	129	46734	20.496	ug/l		99
61) 1,2-Dibromoethane	11.087	107	35388	20.287	ug/l		98
64) Tetrachloroethene	10.715	164	48503	20.731	ug/l		98
65) Chlorobenzene	11.514	112	126273	20.849	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.587	131	48735	20.655	ug/l		97
67) Ethyl Benzene	11.593	91	220353	20.719	ug/l		100
68) m/p-Xylenes	11.697	106	172152	41.785	ug/l		94
69) o-Xylene	12.026	106	82991	20.661	ug/l		92
70) Styrene	12.044	104	139681	20.470	ug/l		96
71) Bromoform	12.203	173	29547	20.166	ug/l	#	99
73) Isopropylbenzene	12.325	105	221043	20.785	ug/l		100
74) N-amyl acetate	12.142	43	50082	19.420	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	44317	20.450	ug/l		99
76) 1,2,3-Trichloropropane	12.629	75	30863m	18.792	ug/l		
77) Bromobenzene	12.605	156	51462	20.338	ug/l		96
78) n-propylbenzene	12.666	91	263125	20.772	ug/l		99
79) 2-Chlorotoluene	12.751	91	149577	20.724	ug/l		98
80) 1,3,5-Trimethylbenzene	12.806	105	190157	21.162	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.373	75	13991	18.941	ug/l		92
82) 4-Chlorotoluene	12.849	91	154490	20.728	ug/l		98
83) tert-Butylbenzene	13.074	119	164222	20.435	ug/l		94
84) 1,2,4-Trimethylbenzene	13.117	105	186943	20.942	ug/l		99
85) sec-Butylbenzene	13.251	105	242189	20.578	ug/l		99
86) p-Isopropyltoluene	13.367	119	199165	20.250	ug/l		98
87) 1,3-Dichlorobenzene	13.361	146	101865	19.834	ug/l		99
88) 1,4-Dichlorobenzene	13.440	146	103053	20.274	ug/l		98
89) n-Butylbenzene	13.690	91	182850	20.252	ug/l		99
90) Hexachloroethane	13.958	117	39737	21.043	ug/l		90
91) 1,2-Dichlorobenzene	13.733	146	92284	20.171	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7265	20.090	ug/l		87
93) 1,2,4-Trichlorobenzene	15.001	180	52309	18.743	ug/l		98
94) Hexachlorobutadiene	15.105	225	33162	19.550	ug/l		98
95) Naphthalene	15.233	128	101145	17.986	ug/l		98
96) 1,2,3-Trichlorobenzene	15.422	180	45238	18.616	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092922\
Data File : VY010728.D
Acq On : 29 Sep 2022 14:06
Operator : KP/MD
Sample : VY0929SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 30 08:19:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0929SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa
Patel
09/30/2022

Supervised By :Mahesh
Dadoda
10/05/2022

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

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

