

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
 Data File : VY010556.D
 Acq On : 19 Sep 2022 17:13
 Operator : KP/MD
 Sample : VY0919SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

Quant Time: Sep 20 01:04:45 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 09/20/2022
 Supervised By :Mahesh Dadoda 09/20/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	278688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	443074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	397084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	196652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136827	51.331	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.660%			
35) Dibromofluoromethane	7.709	113	133978	47.381	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.760%			
50) Toluene-d8	10.172	98	524984	50.220	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.440%			
62) 4-Bromofluorobenzene	12.477	95	177799	45.605	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35694	24.834	ug/l	98
3) Chloromethane	2.107	50	51469	24.836	ug/l	98
4) Vinyl Chloride	2.241	62	64797	24.424	ug/l	99
5) Bromomethane	2.631	94	46943	25.742	ug/l	95
6) Chloroethane	2.777	64	45454	23.153	ug/l	100
7) Trichlorofluoromethane	3.113	101	82008	22.395	ug/l	97
8) Diethyl Ether	3.521	74	26714	21.277	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.887	101	47850	21.712	ug/l	96
10) Methyl Iodide	4.076	142	52924	20.787	ug/l	91
11) Tert butyl alcohol	4.942	59	28836	114.857	ug/l	100
12) 1,1-Dichloroethene	3.857	96	42843	21.771	ug/l	86
13) Acrolein	3.722	56	13806	111.339	ug/l	95
14) Allyl chloride	4.466	41	61949	20.880	ug/l #	93
15) Acrylonitrile	5.155	53	65400	100.358	ug/l	98
16) Acetone	3.936	43	55441	101.992	ug/l #	89
17) Carbon Disulfide	4.180	76	107642	25.808	ug/l	99
18) Methyl Acetate	4.472	43	36430	22.558	ug/l #	87
19) Methyl tert-butyl Ether	5.210	73	123734	20.167	ug/l	98
20) Methylene Chloride	4.698	84	79503	20.463	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	49430	22.321	ug/l	83
22) Diisopropyl ether	6.112	45	142782	20.387	ug/l #	91
23) Vinyl Acetate	6.051	43	417884	101.005	ug/l #	91
24) 1,1-Dichloroethane	6.002	63	88923	21.155	ug/l	99
25) 2-Butanone	6.978	43	85342	100.373	ug/l #	81
26) 2,2-Dichloropropane	6.972	77	82124	20.318	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	57884	20.980	ug/l	88
28) Bromochloromethane	7.325	49	21630	14.948	ug/l #	78
29) Tetrahydrofuran	7.338	42	51999	99.573	ug/l #	80
30) Chloroform	7.496	83	94762	20.838	ug/l	100
31) Cyclohexane	7.777	56	74239	22.845	ug/l #	83
32) 1,1,1-Trichloroethane	7.697	97	84752	20.941	ug/l	96
36) 1,1-Dichloropropene	7.911	75	67976	21.575	ug/l	97
37) Ethyl Acetate	7.069	43	35794	19.669	ug/l #	92
38) Carbon Tetrachloride	7.892	117	76575	21.138	ug/l	100
39) Methylcyclohexane	9.179	83	81739	22.166	ug/l	92
40) Benzene	8.155	78	199601	21.251	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
 Data File : VY010556.D
 Acq On : 19 Sep 2022 17:13
 Operator : KP/MD
 Sample : VY0919SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

Quant Time: Sep 20 01:04:45 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 09/20/2022
 Supervised By :Mahesh Dadoda 09/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	18566m	20.002	ug/l	
42) 1,2-Dichloroethane	8.228	62	60582	20.946	ug/l	91
43) Isopropyl Acetate	8.270	43	65827	19.734	ug/l #	88
44) Trichloroethene	8.935	130	57812	21.501	ug/l	97
45) 1,2-Dichloropropane	9.209	63	50218	20.667	ug/l	97
46) Dibromomethane	9.301	93	29207	20.469	ug/l	97
47) Bromodichloromethane	9.490	83	71671	20.342	ug/l	95
48) Methyl methacrylate	9.288	41	29328	19.917	ug/l #	83
49) 1,4-Dioxane	9.295	88	8631	411.342	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	182449	96.876	ug/l	89
52) Toluene	10.240	92	129566	21.083	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	72458	20.339	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	80845	20.354	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	42863	20.422	ug/l	100
56) Ethyl methacrylate	10.508	69	53575	19.704	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	71516	20.571	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	110891	86.618	ug/l	93
59) 2-Hexanone	10.831	43	124905	97.848	ug/l	86
60) Dibromochloromethane	10.983	129	52344	20.379	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41063	20.898	ug/l	98
64) Tetrachloroethene	10.715	164	55554	20.944	ug/l	99
65) Chlorobenzene	11.514	112	143027	20.830	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	53910	20.153	ug/l	98
67) Ethyl Benzene	11.587	91	248139	20.580	ug/l	97
68) m/p-Xylenes	11.703	106	195360	41.825	ug/l	94
69) o-Xylene	12.026	106	92784	20.374	ug/l	93
70) Styrene	12.044	104	156901	20.281	ug/l	96
71) Bromoform	12.203	173	33200	19.987	ug/l #	99
73) Isopropylbenzene	12.325	105	250217	20.588	ug/l	100
74) N-amyl acetate	12.142	43	56078	19.028	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	48977	19.776	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	33594m	17.899	ug/l	
77) Bromobenzene	12.605	156	58658	20.285	ug/l	94
78) n-propylbenzene	12.666	91	298989	20.653	ug/l	97
79) 2-Chlorotoluene	12.751	91	167903	20.355	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	212644	20.707	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	16194	19.184	ug/l	91
82) 4-Chlorotoluene	12.849	91	172994	20.310	ug/l	97
83) tert-Butylbenzene	13.068	119	188463	20.521	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	209982	20.583	ug/l	97
85) sec-Butylbenzene	13.251	105	274510	20.409	ug/l	99
86) p-Isopropyltoluene	13.367	119	231343	20.582	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	118112	20.124	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	117986	20.311	ug/l	98
89) n-Butylbenzene	13.696	91	210959	20.445	ug/l	98
90) Hexachloroethane	13.958	117	44300	20.527	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	106006	20.275	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8113	19.631	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	64966	20.369	ug/l	98
94) Hexachlorobutadiene	15.111	225	40921	21.109	ug/l	99
95) Naphthalene	15.233	128	127850	19.894	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	55951	20.147	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
Data File : VY010556.D
Acq On : 19 Sep 2022 17:13
Operator : KP/MD
Sample : VY0919SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/20/2022
Supervised By :Mahesh Dadoda 09/20/2022

Quant Time: Sep 20 01:04:45 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)
----------	------	------	----------	------	-------	----------

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

