

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019213.D
 Acq On : 22 Aug 2024 12:15
 Operator : SY/MD
 Sample : VY0822SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS01

Quant Time: Aug 23 01:49:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	109427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	175354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	154105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	76163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	56666	51.659	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.320%			
35) Dibromofluoromethane	7.628	113	59219	51.649	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.300%			
50) Toluene-d8	10.103	98	216548	52.482	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.960%			
62) 4-Bromofluorobenzene	12.407	95	74237	52.778	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 105.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	16131	20.092	ug/l	98
3) Chloromethane	2.068	50	25534	17.645	ug/l	99
4) Vinyl Chloride	2.202	62	32618	18.248	ug/l	99
5) Bromomethane	2.586	94	26910	21.258	ug/l	95
6) Chloroethane	2.726	64	21972	18.074	ug/l	99
7) Trichlorofluoromethane	3.049	101	48491	17.943	ug/l	95
8) Diethyl Ether	3.452	74	11420	19.577	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.799	101	24182	20.128	ug/l	99
10) Methyl Iodide	3.994	142	20026	17.005	ug/l	93
11) Tert butyl alcohol	4.842	59	14024m	130.171	ug/l	
12) 1,1-Dichloroethene	3.781	96	20896	19.144	ug/l	98
13) Acrolein	3.647	56	7805	81.454	ug/l	96
14) Allyl chloride	4.372	41	27512	18.958	ug/l	92
15) Acrylonitrile	5.043	53	24732	103.619	ug/l	96
16) Acetone	3.860	43	21066	103.556	ug/l	98
17) Carbon Disulfide	4.098	76	56650	18.400	ug/l	100
18) Methyl Acetate	4.366	43	12398	19.858	ug/l	94
19) Methyl tert-butyl Ether	5.104	73	52490	19.835	ug/l	98
20) Methylene Chloride	4.604	84	29715	16.712	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	24295	19.922	ug/l	92
22) Diisopropyl ether	6.006	45	63438	19.095	ug/l #	91
23) Vinyl Acetate	5.951	43	254248	96.662	ug/l	99
24) 1,1-Dichloroethane	5.902	63	39451	19.417	ug/l	98
25) 2-Butanone	6.884	43	32364	98.787	ug/l #	87
26) 2,2-Dichloropropane	6.872	77	34067	20.706	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	28365	19.765	ug/l	98
28) Bromochloromethane	7.232	49	16331	19.162	ug/l	95
29) Tetrahydrofuran	7.250	42	20103	95.457	ug/l	93
30) Chloroform	7.408	83	46225	20.418	ug/l	98
31) Cyclohexane	7.695	56	33356	18.568	ug/l	87
32) 1,1,1-Trichloroethane	7.609	97	40669	20.441	ug/l	99
36) 1,1-Dichloropropene	7.823	75	30825	19.578	ug/l	99
37) Ethyl Acetate	6.969	43	14492	20.775	ug/l	98
38) Carbon Tetrachloride	7.811	117	37176	20.375	ug/l	97
39) Methylcyclohexane	9.103	83	38080	18.847	ug/l	92
40) Benzene	8.073	78	96181	19.918	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019213.D
 Acq On : 22 Aug 2024 12:15
 Operator : SY/MD
 Sample : VY0822SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS01

Quant Time: Aug 23 01:49:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	7469m	19.617	ug/l	
42) 1,2-Dichloroethane	8.152	62	24657	18.909	ug/l	98
43) Isopropyl Acetate	8.189	43	27124	19.227	ug/l #	83
44) Trichloroethene	8.859	130	27173	20.168	ug/l	95
45) 1,2-Dichloropropane	9.134	63	21643	20.117	ug/l	98
46) Dibromomethane	9.225	93	14356	20.573	ug/l	97
47) Bromodichloromethane	9.420	83	34873	20.370	ug/l	99
48) Methyl methacrylate	9.219	41	11777	18.732	ug/l #	91
49) 1,4-Dioxane	9.219	88	3436	406.491	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	72771	97.189	ug/l	93
52) Toluene	10.170	92	64289	20.282	ug/l	98
53) t-1,3-Dichloropropene	10.389	75	28939	20.378	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	34589	20.252	ug/l	93
55) 1,1,2-Trichloroethane	10.572	97	19244	21.423	ug/l	98
56) Ethyl methacrylate	10.438	69	22432	19.078	ug/l #	86
57) 1,3-Dichloropropane	10.719	76	29547	20.177	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	53309	95.572	ug/l	96
59) 2-Hexanone	10.761	43	51155	99.444	ug/l	92
60) Dibromochloromethane	10.908	129	24500	20.025	ug/l	99
61) 1,2-Dibromoethane	11.011	107	17301	19.927	ug/l	98
64) Tetrachloroethene	10.646	164	27398	20.340	ug/l	95
65) Chlorobenzene	11.444	112	70144	19.767	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	24878	19.936	ug/l	99
67) Ethyl Benzene	11.517	91	120295	19.532	ug/l	97
68) m/p-Xylenes	11.627	106	94748	38.771	ug/l	99
69) o-Xylene	11.956	106	44214	19.537	ug/l	98
70) Styrene	11.968	104	76515	19.827	ug/l	99
71) Bromoform	12.133	173	14136	19.817	ug/l #	98
73) Isopropylbenzene	12.255	105	113177	19.388	ug/l	100
74) N-amyl acetate	12.072	43	23517	18.475	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	20245	19.480	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	15505m	20.643	ug/l	
77) Bromobenzene	12.529	156	27477	19.599	ug/l	97
78) n-propylbenzene	12.596	91	137741	19.738	ug/l	98
79) 2-Chlorotoluene	12.682	91	76468	19.545	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	95309	20.042	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	5628	18.505	ug/l #	82
82) 4-Chlorotoluene	12.779	91	79304	19.483	ug/l	98
83) tert-Butylbenzene	12.999	119	85373	19.440	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	92075	19.427	ug/l	99
85) sec-Butylbenzene	13.176	105	126386	19.748	ug/l	98
86) p-Isopropyltoluene	13.291	119	103590	19.706	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	54891	19.854	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	52739	19.190	ug/l	97
89) n-Butylbenzene	13.621	91	94818	19.784	ug/l	99
90) Hexachloroethane	13.883	117	21094	20.358	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	48031	19.753	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2832	18.524	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	24692	18.006	ug/l	99
94) Hexachlorobutadiene	15.029	225	14746	20.645	ug/l	97
95) Naphthalene	15.151	128	41854	17.102	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	20882	18.055	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
Data File : VY019213.D
Acq On : 22 Aug 2024 12:15
Operator : SY/MD
Sample : VY0822SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024

Quant Time: Aug 23 01:49:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

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

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

