

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019352.D
 Acq On : 29 Aug 2024 02:15
 Operator : SY/MD
 Sample : VY0828SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0828SBS02

Quant Time: Aug 29 03:37:40 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 :Romaben Patel 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	100851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	162253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	139651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	49333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	54542	53.951	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.900%			
35) Dibromofluoromethane	7.622	113	53851	50.759	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.520%			
50) Toluene-d8	10.103	98	194749	51.010	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.020%			
62) 4-Bromofluorobenzene	12.408	95	63951	49.137	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 98.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	16561	22.382	ug/l	99
3) Chloromethane	2.062	50	29269	21.946	ug/l	97
4) Vinyl Chloride	2.196	62	33578	20.382	ug/l	99
5) Bromomethane	2.580	94	25258	21.773	ug/l	96
6) Chloroethane	2.720	64	19628	17.494	ug/l	99
7) Trichlorofluoromethane	3.043	101	47822	19.200	ug/l	97
8) Diethyl Ether	3.446	74	10545	19.615	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.805	101	23240	20.988	ug/l	98
10) Methyl Iodide	3.994	142	19093	17.592	ug/l	91
11) Tert butyl alcohol	4.848	59	7509	54.805	ug/l #	73
12) 1,1-Dichloroethene	3.775	96	21147	21.021	ug/l	90
13) Acrolein	3.635	56	5573	58.288	ug/l	95
14) Allyl chloride	4.372	41	30073	22.484	ug/l	91
15) Acrylonitrile	5.043	53	23875	108.534	ug/l	98
16) Acetone	3.854	43	17487	93.272	ug/l	91
17) Carbon Disulfide	4.092	76	53873	18.987	ug/l	97
18) Methyl Acetate	4.366	43	14676	25.505	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	52078	21.353	ug/l	92
20) Methylene Chloride	4.604	84	28779	18.216	ug/l	90
21) trans-1,2-Dichloroethene	5.098	96	23172	20.617	ug/l	97
22) Diisopropyl ether	6.006	45	69573	22.722	ug/l	95
23) Vinyl Acetate	5.945	43	243810	100.576	ug/l #	92
24) 1,1-Dichloroethane	5.903	63	40844	21.813	ug/l	100
25) 2-Butanone	6.878	43	30806	102.028	ug/l	88
26) 2,2-Dichloropropane	6.878	77	29177	19.242	ug/l	98
27) cis-1,2-Dichloroethene	6.872	96	27949	21.131	ug/l	95
28) Bromochloromethane	7.238	49	16656	21.205	ug/l	92
29) Tetrahydrofuran	7.250	42	20276	104.465	ug/l	92
30) Chloroform	7.409	83	47308	22.673	ug/l	95
31) Cyclohexane	7.689	56	34483	21.397	ug/l	96
32) 1,1,1-Trichloroethane	7.604	97	43165	23.540	ug/l	99
36) 1,1-Dichloropropene	7.829	75	31484	21.612	ug/l	99
37) Ethyl Acetate	6.970	43	13882	21.508	ug/l	99
38) Carbon Tetrachloride	7.811	117	38052	22.539	ug/l	99
39) Methylcyclohexane	9.103	83	37692	20.161	ug/l	94
40) Benzene	8.073	78	96468	21.591	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019352.D
 Acq On : 29 Aug 2024 02:15
 Operator : SY/MD
 Sample : VY0828SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0828SBS02

Quant Time: Aug 29 03:37:40 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 :Romaben Patel 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	7932m	22.516	ug/l	
42) 1,2-Dichloroethane	8.146	62	27382	22.695	ug/l	96
43) Isopropyl Acetate	8.195	43	26992	20.678	ug/l #	80
44) Trichloroethene	8.859	130	27172	21.795	ug/l	95
45) 1,2-Dichloropropane	9.140	63	21688	21.787	ug/l	96
46) Dibromomethane	9.225	93	13500	20.909	ug/l	99
47) Bromodichloromethane	9.420	83	34279	21.640	ug/l #	99
48) Methyl methacrylate	9.219	41	12389	21.296	ug/l #	86
49) 1,4-Dioxane	9.231	88	3475	444.299	ug/l #	97
51) 4-Methyl-2-Pentanone	9.993	43	75068	108.352	ug/l	90
52) Toluene	10.170	92	63781	21.747	ug/l	94
53) t-1,3-Dichloropropene	10.390	75	26576	20.225	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	31554	19.967	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	17366	20.893	ug/l	97
56) Ethyl methacrylate	10.438	69	21665	19.914	ug/l #	79
57) 1,3-Dichloropropane	10.713	76	28906	21.333	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	52042	100.833	ug/l	94
59) 2-Hexanone	10.762	43	48355	101.591	ug/l	91
60) Dibromochloromethane	10.908	129	23071	20.379	ug/l	99
61) 1,2-Dibromoethane	11.012	107	16915	21.055	ug/l	95
64) Tetrachloroethene	10.646	164	31258	25.608	ug/l	97
65) Chlorobenzene	11.438	112	68432	21.281	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	24509	21.673	ug/l	97
67) Ethyl Benzene	11.518	91	117121	20.985	ug/l	93
68) m/p-Xylenes	11.627	106	91179	41.172	ug/l	97
69) o-Xylene	11.956	106	43274	21.101	ug/l	99
70) Styrene	11.969	104	72663	20.777	ug/l	98
71) Bromoform	12.127	173	13756	21.280	ug/l #	98
73) Isopropylbenzene	12.255	105	114565	30.299	ug/l	100
74) N-amyl acetate	12.072	43	23252	28.201	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	18234	27.087	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	14195m	29.177	ug/l	
77) Bromobenzene	12.530	156	25952	28.579	ug/l	98
78) n-propylbenzene	12.597	91	136499	30.198	ug/l	99
79) 2-Chlorotoluene	12.682	91	64124	25.304	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	70375	22.847	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	4804	24.386	ug/l #	81
82) 4-Chlorotoluene	12.780	91	61388	23.284	ug/l	97
83) tert-Butylbenzene	12.999	119	68257	23.995	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	79162	25.786	ug/l	100
85) sec-Butylbenzene	13.176	105	89325	21.548	ug/l	99
86) p-Isopropyltoluene	13.292	119	71798	21.086	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	36802	20.550	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	38672	21.724	ug/l	99
89) n-Butylbenzene	13.615	91	71214	22.940	ug/l	98
90) Hexachloroethane	13.877	117	20430	30.441	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	39695	25.203	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2910	29.386	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	23606	26.576	ug/l	98
94) Hexachlorobutadiene	15.023	225	13230	28.596	ug/l	94
95) Naphthalene	15.145	128	41012	25.871	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	20196	26.959	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
Data File : VY019352.D
Acq On : 29 Aug 2024 02:15
Operator : SY/MD
Sample : VY0828SBS02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS02

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

Quant Time: Aug 29 03:37:40 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

