

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019142.D
 Acq On : 20 Aug 2024 11:40
 Operator : SY/MD
 Sample : VY0820SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0820SBS01

Quant Time: Aug 20 13:23:06 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 08/21/2024
 Supervised By :Mahesh Dadoda 08/21/2024

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	126802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	209313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	193145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	95303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	62978	49.546	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.100%		
35) Dibromofluoromethane	7.622	113	65538	47.886	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.780%		
50) Toluene-d8	10.103	98	252853	51.339	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.680%		
62) 4-Bromofluorobenzene	12.408	95	86312	51.407	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	102.820%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	19745	21.224	ug/l	100
3) Chloromethane	2.068	50	31533	18.804	ug/l	99
4) Vinyl Chloride	2.202	62	37809	18.254	ug/l	100
5) Bromomethane	2.586	94	28921	19.229	ug/l	97
6) Chloroethane	2.726	64	25281	17.941	ug/l	96
7) Trichlorofluoromethane	3.050	101	56320	17.984	ug/l	97
8) Diethyl Ether	3.452	74	13305	19.683	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.806	101	27047	19.428	ug/l	96
10) Methyl Iodide	3.994	142	24408	17.887	ug/l	91
11) Tert butyl alcohol	4.842	59	12558	89.301	ug/l #	88
12) 1,1-Dichloroethene	3.781	96	25548	20.198	ug/l	94
13) Acrolein	3.647	56	10518	98.213	ug/l	99
14) Allyl chloride	4.372	41	34050	20.248	ug/l	90
15) Acrylonitrile	5.043	53	27005	97.639	ug/l	97
16) Acetone	3.854	43	24963	105.898	ug/l #	81
17) Carbon Disulfide	4.092	76	68732	19.266	ug/l	97
18) Methyl Acetate	4.379	43	14742	20.377	ug/l	95
19) Methyl tert-butyl Ether	5.098	73	62780	20.473	ug/l	99
20) Methylene Chloride	4.604	84	33702	16.084	ug/l	92
21) trans-1,2-Dichloroethene	5.104	96	29214	20.674	ug/l	94
22) Diisopropyl ether	6.006	45	77277	20.073	ug/l #	91
23) Vinyl Acetate	5.945	43	305146	100.116	ug/l	95
24) 1,1-Dichloroethane	5.903	63	48060	20.413	ug/l	98
25) 2-Butanone	6.878	43	36900	97.199	ug/l #	85
26) 2,2-Dichloropropane	6.872	77	39612	20.777	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	33138	19.927	ug/l	100
28) Bromochloromethane	7.232	49	18665	18.900	ug/l	94
29) Tetrahydrofuran	7.244	42	22188	90.920	ug/l	93
30) Chloroform	7.409	83	50587	19.283	ug/l	94
31) Cyclohexane	7.689	56	37516	17.885	ug/l	98
32) 1,1,1-Trichloroethane	7.604	97	43324	18.792	ug/l	98
36) 1,1-Dichloropropene	7.823	75	33640	17.900	ug/l	100
37) Ethyl Acetate	6.976	43	16525	19.846	ug/l	96
38) Carbon Tetrachloride	7.811	117	38831	17.829	ug/l	98
39) Methylcyclohexane	9.103	83	44980	18.650	ug/l	97
40) Benzene	8.073	78	105115	18.237	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	7509	16.523	ug/l	98
42) 1,2-Dichloroethane	8.152	62	28498	18.309	ug/l	100
43) Isopropyl Acetate	8.189	43	29006	17.225	ug/l #	84
44) Trichloroethene	8.853	130	31396	19.521	ug/l	96
45) 1,2-Dichloropropane	9.134	63	25448	19.816	ug/l	98
46) Dibromomethane	9.225	93	16849	20.229	ug/l	96
47) Bromodichloromethane	9.414	83	41203	20.163	ug/l	98
48) Methyl methacrylate	9.213	41	14785	19.701	ug/l #	86
49) 1,4-Dioxane	9.219	88	3422	339.154	ug/l #	96
51) 4-Methyl-2-Pentanone	9.993	43	86244	96.496	ug/l	93
52) Toluene	10.164	92	73036	19.304	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	33301	19.645	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	40287	19.762	ug/l #	91
55) 1,1,2-Trichloroethane	10.573	97	21602	20.146	ug/l	91
56) Ethyl methacrylate	10.438	69	26191	18.661	ug/l #	83
57) 1,3-Dichloropropane	10.713	76	34299	19.622	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	63069	94.725	ug/l	95
59) 2-Hexanone	10.762	43	59137	96.309	ug/l	89
60) Dibromochloromethane	10.908	129	29031	19.878	ug/l	98
61) 1,2-Dibromoethane	11.018	107	20751	20.023	ug/l	99
64) Tetrachloroethene	10.646	164	31156	18.455	ug/l	98
65) Chlorobenzene	11.444	112	82988	18.660	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	29528	18.880	ug/l	94
67) Ethyl Benzene	11.518	91	140177	18.160	ug/l	100
68) m/p-Xylenes	11.627	106	109596	35.782	ug/l	100
69) o-Xylene	11.956	106	53198	18.755	ug/l	96
70) Styrene	11.969	104	89151	18.432	ug/l	97
71) Bromoform	12.133	173	16308	18.241	ug/l #	99
73) Isopropylbenzene	12.255	105	135021	18.485	ug/l	99
74) N-amyl acetate	12.072	43	27604	17.330	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.511	83	24298	18.685	ug/l	95
76) 1,2,3-Trichloropropane	12.560	75	18738m	19.937	ug/l	
77) Bromobenzene	12.536	156	32726	18.655	ug/l	97
78) n-propylbenzene	12.597	91	162859	18.651	ug/l	99
79) 2-Chlorotoluene	12.682	91	92330	18.860	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	111840	18.795	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	6825	17.934	ug/l #	84
82) 4-Chlorotoluene	12.780	91	94196	18.494	ug/l	99
83) tert-Butylbenzene	12.999	119	100618	18.310	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	110474	18.627	ug/l	99
85) sec-Butylbenzene	13.176	105	149518	18.671	ug/l	99
86) p-Isopropyltoluene	13.292	119	123074	18.711	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	64489	18.641	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	65502	19.047	ug/l	98
89) n-Butylbenzene	13.621	91	112054	18.685	ug/l	98
90) Hexachloroethane	13.883	117	24045	18.546	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	57302	18.833	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3499	18.290	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	32940	19.197	ug/l	98
94) Hexachlorobutadiene	15.029	225	18950	21.202	ug/l	98
95) Naphthalene	15.151	128	53404	17.439	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	27792	19.204	ug/l	97

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

