

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019327.D
 Acq On : 28 Aug 2024 13:51
 Operator : SY/MD
 Sample : VY0828SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0828SBS01

Quant Time: Aug 29 03:44:11 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	97851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	153711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	133459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	66378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	45848	46.742	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.480%		
35) Dibromofluoromethane	7.628	113	49715	49.465	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.940%		
50) Toluene-d8	10.103	98	174724	48.308	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.620%		
62) 4-Bromofluorobenzene	12.408	95	58664	47.579	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	95.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	16059	22.369	ug/l	98
3) Chloromethane	2.062	50	22655	17.507	ug/l	97
4) Vinyl Chloride	2.196	62	28100	17.580	ug/l	90
5) Bromomethane	2.574	94	22793	19.782	ug/l	96
6) Chloroethane	2.720	64	19313	17.753	ug/l	95
7) Trichlorofluoromethane	3.037	101	39665	16.414	ug/l	92
8) Diethyl Ether	3.440	74	9654	18.508	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.799	101	23007	21.415	ug/l	95
10) Methyl Iodide	3.988	142	19678	18.687	ug/l	97
11) Tert butyl alcohol	4.842	59	7454	57.220	ug/l #	96
12) 1,1-Dichloroethene	3.769	96	20881	21.393	ug/l	94
13) Acrolein	3.641	56	6043	67.656	ug/l	99
14) Allyl chloride	4.373	41	25812	19.890	ug/l	92
15) Acrylonitrile	5.043	53	21978	102.974	ug/l	96
16) Acetone	3.854	43	20324	111.727	ug/l	89
17) Carbon Disulfide	4.086	76	51303	18.635	ug/l	100
18) Methyl Acetate	4.373	43	11871	21.263	ug/l	99
19) Methyl tert-butyl Ether	5.098	73	47885	20.236	ug/l	96
20) Methylene Chloride	4.598	84	26915	17.094	ug/l	99
21) trans-1,2-Dichloroethene	5.098	96	22232	20.387	ug/l	98
22) Diisopropyl ether	6.012	45	59812	20.133	ug/l	98
23) Vinyl Acetate	5.945	43	230978	98.204	ug/l	98
24) 1,1-Dichloroethane	5.897	63	38232	21.044	ug/l	97
25) 2-Butanone	6.884	43	29644	101.189	ug/l	93
26) 2,2-Dichloropropane	6.878	77	32495	22.087	ug/l	99
27) cis-1,2-Dichloroethene	6.872	96	26845	20.919	ug/l	98
28) Bromochloromethane	7.238	49	14155	18.573	ug/l	100
29) Tetrahydrofuran	7.250	42	18105	96.140	ug/l	96
30) Chloroform	7.409	83	43751	21.611	ug/l	99
31) Cyclohexane	7.689	56	31531	19.896	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	38876	21.851	ug/l	99
36) 1,1-Dichloropropene	7.829	75	29295	21.226	ug/l	98
37) Ethyl Acetate	6.976	43	13317	21.779	ug/l	97
38) Carbon Tetrachloride	7.805	117	34938	21.844	ug/l	98
39) Methylcyclohexane	9.103	83	36620	20.677	ug/l	95
40) Benzene	8.067	78	88913	21.006	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	7692m	23.048	ug/l	
42) 1,2-Dichloroethane	8.146	62	24450	21.391	ug/l	99
43) Isopropyl Acetate	8.189	43	24851	20.096	ug/l #	84
44) Trichloroethene	8.860	130	25238	21.369	ug/l	98
45) 1,2-Dichloropropane	9.134	63	20383	21.614	ug/l	98
46) Dibromomethane	9.225	93	12611	20.617	ug/l	95
47) Bromodichloromethane	9.420	83	32559	21.696	ug/l	100
48) Methyl methacrylate	9.219	41	11673	21.181	ug/l	89
49) 1,4-Dioxane	9.219	88	3194	431.066	ug/l #	91
51) 4-Methyl-2-Pentanone	9.993	43	67656	103.080	ug/l	95
52) Toluene	10.170	92	58951	21.217	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	26354	21.170	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	31860	21.281	ug/l #	86
55) 1,1,2-Trichloroethane	10.567	97	17220	21.869	ug/l	96
56) Ethyl methacrylate	10.439	69	22072	21.415	ug/l #	87
57) 1,3-Dichloropropane	10.719	76	28113	21.901	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	47678	97.512	ug/l	92
59) 2-Hexanone	10.762	43	48755	108.123	ug/l	94
60) Dibromochloromethane	10.914	129	23377	21.797	ug/l	100
61) 1,2-Dibromoethane	11.012	107	16501	21.681	ug/l	99
64) Tetrachloroethene	10.646	164	29352	25.162	ug/l	91
65) Chlorobenzene	11.438	112	67775	22.055	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	23205	21.472	ug/l	97
67) Ethyl Benzene	11.518	91	111628	20.928	ug/l	96
68) m/p-Xylenes	11.627	106	91261	43.121	ug/l	98
69) o-Xylene	11.957	106	41387	21.117	ug/l	99
70) Styrene	11.969	104	72603	21.723	ug/l	98
71) Bromoform	12.133	173	13076	21.166	ug/l #	99
73) Isopropylbenzene	12.255	105	111197	21.857	ug/l	99
74) N-amyl acetate	12.072	43	22803	20.555	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	18508	20.434	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	13662m	20.871	ug/l	
77) Bromobenzene	12.530	156	26756	21.898	ug/l	94
78) n-propylbenzene	12.597	91	132055	21.713	ug/l	97
79) 2-Chlorotoluene	12.682	91	74386	21.816	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	90367	21.804	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	5327	20.097	ug/l	86
82) 4-Chlorotoluene	12.780	91	77520	21.852	ug/l	98
83) tert-Butylbenzene	12.999	119	81433	21.276	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	89005	21.547	ug/l	99
85) sec-Butylbenzene	13.176	105	122112	21.893	ug/l	99
86) p-Isopropyltoluene	13.292	119	100535	21.944	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	53829	22.340	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	51176	21.366	ug/l	98
89) n-Butylbenzene	13.621	91	91606	21.931	ug/l	98
90) Hexachloroethane	13.883	117	19746	21.867	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	45201	21.329	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2618	19.648	ug/l	95
93) 1,2,4-Trichlorobenzene	14.926	180	25933	21.699	ug/l	100
94) Hexachlorobutadiene	15.029	225	15097	24.252	ug/l	96
95) Naphthalene	15.145	128	43156	20.233	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	22392	22.215	ug/l	99

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

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