

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019303.D
 Acq On : 28 Aug 2024 00:31
 Operator : SY/MD
 Sample : VY0827SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0827SBS02

Quant Time: Aug 28 03:33:48 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 :Romaben Patel 08/28/2024
 Supervised By :Mahesh Dadoda 08/28/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	106361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	171767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	146137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	73645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	53361	50.049	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.100%			
35) Dibromofluoromethane	7.628	113	52169	46.450	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.900%			
50) Toluene-d8	10.103	98	167344	41.404	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 82.800%			
62) 4-Bromofluorobenzene	12.401	95	63872	46.358	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 92.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	16694	21.393	ug/l	89
3) Chloromethane	2.062	50	29392	20.896	ug/l	96
4) Vinyl Chloride	2.196	62	33008	18.998	ug/l	99
5) Bromomethane	2.574	94	22440	17.285	ug/l	96
6) Chloroethane	2.726	64	18963	15.965	ug/l	97
7) Trichlorofluoromethane	3.043	101	47196	17.967	ug/l	96
8) Diethyl Ether	3.446	74	11709	20.651	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.805	101	22407	19.188	ug/l	97
10) Methyl Iodide	3.994	142	21792	19.039	ug/l	94
11) Tert butyl alcohol	4.836	59	13652	130.447	ug/l #	88
12) 1,1-Dichloroethene	3.775	96	20917	19.715	ug/l	98
13) Acrolein	3.647	56	7100	74.861	ug/l	98
14) Allyl chloride	4.366	41	28892	20.482	ug/l	90
15) Acrylonitrile	5.049	53	26289	113.317	ug/l	99
16) Acetone	3.854	43	21546	108.968	ug/l #	78
17) Carbon Disulfide	4.092	76	55156	18.432	ug/l #	93
18) Methyl Acetate	4.366	43	15679	25.837	ug/l	91
19) Methyl tert-butyl Ether	5.098	73	53863	20.941	ug/l	98
20) Methylene Chloride	4.604	84	34578	22.543	ug/l	96
21) trans-1,2-Dichloroethene	5.098	96	24549	20.711	ug/l	95
22) Diisopropyl ether	6.006	45	68388	21.178	ug/l #	91
23) Vinyl Acetate	5.945	43	260864	102.036	ug/l	96
24) 1,1-Dichloroethane	5.902	63	40975	20.749	ug/l	97
25) 2-Butanone	6.878	43	34887	109.558	ug/l	92
26) 2,2-Dichloropropane	6.872	77	29764	18.612	ug/l	100
27) cis-1,2-Dichloroethene	6.878	96	28378	20.344	ug/l	96
28) Bromochloromethane	7.238	49	17433	21.044	ug/l	96
29) Tetrahydrofuran	7.256	42	22621	110.509	ug/l	89
30) Chloroform	7.408	83	46535	21.148	ug/l	96
31) Cyclohexane	7.695	56	32348	18.515	ug/l	95
32) 1,1,1-Trichloroethane	7.603	97	41629	21.527	ug/l	98
36) 1,1-Dichloropropene	7.829	75	31576	20.474	ug/l	98
37) Ethyl Acetate	6.969	43	16032	23.463	ug/l	96
38) Carbon Tetrachloride	7.805	117	37638	21.059	ug/l	98
39) Methylcyclohexane	9.103	83	37016	18.703	ug/l	95
40) Benzene	8.073	78	94642	20.009	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	8822m	23.655	ug/l	
42) 1,2-Dichloroethane	8.152	62	29154	22.825	ug/l	94
43) Isopropyl Acetate	8.189	43	30278	21.911	ug/l #	79
44) Trichloroethene	8.859	130	26750	20.268	ug/l	96
45) 1,2-Dichloropropane	9.134	63	22604	21.449	ug/l	99
46) Dibromomethane	9.231	93	14360	21.009	ug/l	98
47) Bromodichloromethane	9.414	83	35108	20.936	ug/l	98
48) Methyl methacrylate	9.219	41	13099	21.270	ug/l #	86
49) 1,4-Dioxane	9.225	88	3470	419.086	ug/l #	96
51) 4-Methyl-2-Pentanone	9.993	43	79755	108.741	ug/l	93
52) Toluene	10.170	92	54127	17.433	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	26072	18.742	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	32325	19.322	ug/l #	83
55) 1,1,2-Trichloroethane	10.572	97	15834	17.995	ug/l	97
56) Ethyl methacrylate	10.438	69	22239	19.309	ug/l #	84
57) 1,3-Dichloropropane	10.713	76	26492	18.469	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	55298	101.208	ug/l	96
59) 2-Hexanone	10.761	43	43117	85.569	ug/l	93
60) Dibromochloromethane	10.908	129	22555	18.820	ug/l	97
61) 1,2-Dibromoethane	11.011	107	17472	20.544	ug/l	98
64) Tetrachloroethene	10.646	164	24391	19.095	ug/l	93
65) Chlorobenzene	11.444	112	69311	20.598	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	24848	20.998	ug/l	96
67) Ethyl Benzene	11.517	91	115121	19.711	ug/l	95
68) m/p-Xylenes	11.627	106	95637	41.268	ug/l	97
69) o-Xylene	11.950	106	44394	20.686	ug/l	99
70) Styrene	11.968	104	74597	20.384	ug/l	97
71) Bromoform	12.127	173	13756	20.335	ug/l #	98
73) Isopropylbenzene	12.255	105	113631	20.131	ug/l	100
74) N-amyl acetate	12.072	43	25096	20.389	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	20066	19.968	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	15593m	21.470	ug/l	
77) Bromobenzene	12.529	156	27500	20.286	ug/l	98
78) n-propylbenzene	12.596	91	135662	20.105	ug/l	100
79) 2-Chlorotoluene	12.676	91	77166	20.398	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	93381	20.308	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	5735	19.502	ug/l #	83
82) 4-Chlorotoluene	12.773	91	79228	20.130	ug/l	98
83) tert-Butylbenzene	12.999	119	84388	19.872	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	92139	20.105	ug/l	99
85) sec-Butylbenzene	13.176	105	121600	19.650	ug/l	97
86) p-Isopropyltoluene	13.291	119	100110	19.695	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	53248	19.918	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	53284	20.051	ug/l	98
89) n-Butylbenzene	13.621	91	89323	19.275	ug/l	98
90) Hexachloroethane	13.883	117	20760	20.721	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	47191	20.071	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3226	21.822	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	26460	19.955	ug/l	99
94) Hexachlorobutadiene	15.023	225	16060	23.253	ug/l	96
95) Naphthalene	15.145	128	48861	20.647	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	22905	20.481	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

