

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019353.D
 Acq On : 29 Aug 2024 03:03
 Operator : SY/MD
 Sample : VY0828SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0828SBS02

Quant Time: Aug 29 03:38:31 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	99983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	163710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	143347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	62367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	56159	56.033	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.060%			
35) Dibromofluoromethane	7.622	113	53701	50.168	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.340%			
50) Toluene-d8	10.103	98	192314	49.924	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.840%			
62) 4-Bromofluorobenzene	12.401	95	46357	35.301	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 70.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	16016	21.833	ug/l	99
3) Chloromethane	2.068	50	29133	22.033	ug/l	96
4) Vinyl Chloride	2.196	62	31737	19.432	ug/l	97
5) Bromomethane	2.580	94	25614	22.425	ug/l	99
6) Chloroethane	2.726	64	21335	19.262	ug/l	98
7) Trichlorofluoromethane	3.043	101	45449	18.406	ug/l	93
8) Diethyl Ether	3.452	74	11915	22.355	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.799	101	22652	20.635	ug/l	97
10) Methyl Iodide	3.988	142	22000	20.446	ug/l #	90
11) Tert butyl alcohol	4.842	59	9156	78.831	ug/l #	76
12) 1,1-Dichloroethene	3.775	96	20989	21.045	ug/l	92
13) Acrolein	3.641	56	5900	63.695	ug/l	98
14) Allyl chloride	4.366	41	30152	22.739	ug/l	91
15) Acrylonitrile	5.049	53	26840	123.072	ug/l	98
16) Acetone	3.854	43	20712	111.432	ug/l #	83
17) Carbon Disulfide	4.092	76	54023	19.205	ug/l #	95
18) Methyl Acetate	4.372	43	16230	28.451	ug/l	93
19) Methyl tert-butyl Ether	5.104	73	56953	23.554	ug/l	96
20) Methylene Chloride	4.598	84	31285	21.215	ug/l	95
21) trans-1,2-Dichloroethene	5.092	96	24064	21.597	ug/l	94
22) Diisopropyl ether	6.006	45	72485	23.879	ug/l	93
23) Vinyl Acetate	5.945	43	273560	113.828	ug/l	97
24) 1,1-Dichloroethane	5.909	63	43232	23.288	ug/l	98
25) 2-Butanone	6.884	43	33862	113.123	ug/l	95
26) 2,2-Dichloropropane	6.878	77	28873	19.207	ug/l	100
27) cis-1,2-Dichloroethene	6.878	96	29491	22.490	ug/l	99
28) Bromochloromethane	7.238	49	17950	23.051	ug/l	94
29) Tetrahydrofuran	7.256	42	23822	123.800	ug/l	86
30) Chloroform	7.408	83	48343	23.371	ug/l	95
31) Cyclohexane	7.695	56	32396	20.032	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	41551	22.857	ug/l	96
36) 1,1-Dichloropropene	7.823	75	31580	21.485	ug/l	97
37) Ethyl Acetate	6.969	43	16713	25.664	ug/l	97
38) Carbon Tetrachloride	7.805	117	38029	22.325	ug/l	89
39) Methylcyclohexane	9.103	83	37044	19.639	ug/l	97
40) Benzene	8.073	78	98863	21.930	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	9228m	25.961	ug/l	
42) 1,2-Dichloroethane	8.146	62	28805	23.662	ug/l	96
43) Isopropyl Acetate	8.189	43	31913	24.231	ug/l #	81
44) Trichloroethene	8.859	130	27607	21.947	ug/l	99
45) 1,2-Dichloropropane	9.140	63	22659	22.559	ug/l	95
46) Dibromomethane	9.231	93	15019	23.054	ug/l	97
47) Bromodichloromethane	9.420	83	36497	22.835	ug/l	95
48) Methyl methacrylate	9.219	41	14072	23.974	ug/l #	84
49) 1,4-Dioxane	9.219	88	4012	508.392	ug/l #	91
51) 4-Methyl-2-Pentanone	9.999	43	85164	121.830	ug/l	91
52) Toluene	10.170	92	64650	21.847	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	29486	22.240	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	34152	21.419	ug/l #	84
55) 1,1,2-Trichloroethane	10.572	97	18921	22.561	ug/l	97
56) Ethyl methacrylate	10.438	69	24735	22.533	ug/l #	81
57) 1,3-Dichloropropane	10.719	76	31651	23.151	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	59482	114.223	ug/l	97
59) 2-Hexanone	10.761	43	56920	118.521	ug/l	87
60) Dibromochloromethane	10.908	129	25395	22.232	ug/l	98
61) 1,2-Dibromoethane	11.011	107	17916	22.103	ug/l	97
64) Tetrachloroethene	10.646	164	32012	25.549	ug/l	93
65) Chlorobenzene	11.438	112	71612	21.696	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.517	131	25081	21.607	ug/l	98
67) Ethyl Benzene	11.517	91	118868	20.749	ug/l	95
68) m/p-Xylenes	11.627	106	96577	42.485	ug/l	100
69) o-Xylene	11.956	106	44493	21.136	ug/l	98
70) Styrene	11.969	104	77612	21.620	ug/l	98
71) Bromoform	12.133	173	15063	22.701	ug/l #	99
73) Isopropylbenzene	12.255	105	103762	21.707	ug/l	98
74) N-amyl acetate	12.072	43	27399	26.286	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	16325	19.183	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	12017m	19.538	ug/l	
77) Bromobenzene	12.529	156	21134	18.410	ug/l	99
78) n-propylbenzene	12.596	91	107702	18.848	ug/l	99
79) 2-Chlorotoluene	12.682	91	60434	18.864	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	71213	18.287	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	4909	19.711	ug/l	92
82) 4-Chlorotoluene	12.779	91	62261	18.680	ug/l	97
83) tert-Butylbenzene	12.999	119	67360	18.731	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	77459	19.958	ug/l	98
85) sec-Butylbenzene	13.176	105	103971	19.840	ug/l	99
86) p-Isopropyltoluene	13.291	119	91461	21.247	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	48981	21.635	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	45471	20.205	ug/l	98
89) n-Butylbenzene	13.615	91	92484	23.566	ug/l	98
90) Hexachloroethane	13.883	117	20583	24.260	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	48738	24.477	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3335	26.639	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	26780	23.849	ug/l	99
94) Hexachlorobutadiene	15.023	225	15604	26.679	ug/l	99
95) Naphthalene	15.145	128	50227	25.063	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	24423	25.788	ug/l	98

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

