

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019240.D
 Acq On : 23 Aug 2024 00:40
 Operator : SY/MD
 Sample : VY0822SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS02

Quant Time: Aug 23 02:02:47 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 :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	133423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	220857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	154975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	90772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	70515	52.723	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.440%			
35) Dibromofluoromethane	7.628	113	69373	48.039	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.080%			
50) Toluene-d8	10.103	98	204098	39.274	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 78.540%			
62) 4-Bromofluorobenzene	12.408	95	82380	46.501	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 93.000%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	18353	18.749	ug/l	100
3) Chloromethane	2.068	50	29482	16.709	ug/l	95
4) Vinyl Chloride	2.202	62	33640	15.435	ug/l	94
5) Bromomethane	2.580	94	25790	15.274	ug/l	94
6) Chloroethane	2.733	64	21672	14.489	ug/l	99
7) Trichlorofluoromethane	3.050	101	50051	15.189	ug/l	94
8) Diethyl Ether	3.452	74	14546	20.451	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.806	101	28915	19.739	ug/l	99
10) Methyl Iodide	4.001	142	24519	17.076	ug/l	94
11) Tert butyl alcohol	4.836	59	19259	152.888	ug/l	99
12) 1,1-Dichloroethene	3.781	96	26358	19.805	ug/l	92
13) Acrolein	3.647	56	10675	93.974	ug/l	97
14) Allyl chloride	4.379	41	38130	21.549	ug/l	93
15) Acrylonitrile	5.043	53	32563	111.892	ug/l	98
16) Acetone	3.854	43	25312	102.050	ug/l #	81
17) Carbon Disulfide	4.098	76	71928	19.161	ug/l	98
18) Methyl Acetate	4.379	43	17808	23.393	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	68165	21.126	ug/l	100
20) Methylene Chloride	4.604	84	41692	21.168	ug/l	94
21) trans-1,2-Dichloroethene	5.104	96	30058	20.215	ug/l	96
22) Diisopropyl ether	6.013	45	88740	21.907	ug/l #	93
23) Vinyl Acetate	5.952	43	340885	106.292	ug/l	96
24) 1,1-Dichloroethane	5.909	63	51483	20.782	ug/l	99
25) 2-Butanone	6.884	43	41858	104.788	ug/l	90
26) 2,2-Dichloropropane	6.878	77	39042	19.462	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	36424	20.816	ug/l	97
28) Bromochloromethane	7.244	49	23196	22.322	ug/l	88
29) Tetrahydrofuran	7.256	42	28044	109.214	ug/l	91
30) Chloroform	7.415	83	58190	21.080	ug/l	92
31) Cyclohexane	7.695	56	42327	19.515	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	51642	21.288	ug/l	98
36) 1,1-Dichloropropene	7.829	75	38802	19.567	ug/l	97
37) Ethyl Acetate	6.976	43	19234	21.893	ug/l	96
38) Carbon Tetrachloride	7.811	117	45737	19.902	ug/l	95
39) Methylcyclohexane	9.103	83	41594	16.345	ug/l	94
40) Benzene	8.073	78	122474	20.138	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	10026m	20.908	ug/l	
42) 1,2-Dichloroethane	8.152	62	34592	21.063	ug/l	98
43) Isopropyl Acetate	8.195	43	35673	20.077	ug/l	93
44) Trichloroethene	8.860	130	32698	19.268	ug/l	94
45) 1,2-Dichloropropane	9.134	63	22792	16.820	ug/l	99
46) Dibromomethane	9.225	93	14865	16.914	ug/l	97
47) Bromodichloromethane	9.420	83	40874	18.956	ug/l	92
48) Methyl methacrylate	9.219	41	13366	16.879	ug/l	85
49) 1,4-Dioxane	9.219	88	3502	328.941	ug/l #	98
51) 4-Methyl-2-Pentanone	10.000	43	73051	77.462	ug/l	92
52) Toluene	10.170	92	64120	16.061	ug/l	95
53) t-1,3-Dichloropropene	10.396	75	26977	15.082	ug/l	93
54) cis-1,3-Dichloropropene	9.853	75	32028	14.889	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	18719	16.545	ug/l	96
56) Ethyl methacrylate	10.445	69	22240	15.018	ug/l #	85
57) 1,3-Dichloropropane	10.719	76	30212	16.381	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	55512	79.017	ug/l	96
59) 2-Hexanone	10.762	43	46836	72.289	ug/l	94
60) Dibromochloromethane	10.914	129	24658	16.001	ug/l	100
61) 1,2-Dibromoethane	11.018	107	17479	15.984	ug/l	99
64) Tetrachloroethene	10.646	164	26754	19.750	ug/l	98
65) Chlorobenzene	11.444	112	70667	19.803	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	24798	19.761	ug/l	99
67) Ethyl Benzene	11.524	91	120373	19.435	ug/l	100
68) m/p-Xylenes	11.627	106	94225	38.340	ug/l	99
69) o-Xylene	11.957	106	47523	20.881	ug/l	100
70) Styrene	11.969	104	82240	21.191	ug/l	98
71) Bromoform	12.133	173	16501	23.002	ug/l #	100
73) Isopropylbenzene	12.255	105	142935	20.545	ug/l	99
74) N-amyl acetate	12.072	43	28567	18.830	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	24256	19.583	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	19578m	21.871	ug/l	
77) Bromobenzene	12.530	156	32222	19.285	ug/l	93
78) n-propylbenzene	12.597	91	166617	20.033	ug/l	98
79) 2-Chlorotoluene	12.682	91	96107	20.611	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	115202	20.326	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	6954	19.185	ug/l	88
82) 4-Chlorotoluene	12.780	91	100281	20.672	ug/l	99
83) tert-Butylbenzene	12.999	119	104084	19.886	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	114598	20.287	ug/l	100
85) sec-Butylbenzene	13.176	105	151746	19.895	ug/l	98
86) p-Isopropyltoluene	13.292	119	124800	19.920	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	65248	19.802	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	65357	19.953	ug/l	99
89) n-Butylbenzene	13.621	91	113034	19.789	ug/l	99
90) Hexachloroethane	13.883	117	24357	19.724	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	56433	19.473	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3858	21.173	ug/l	86
93) 1,2,4-Trichlorobenzene	14.926	180	28949	17.713	ug/l	97
94) Hexachlorobutadiene	15.023	225	17023	19.997	ug/l	96
95) Naphthalene	15.145	128	52957	18.156	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	25145	18.242	ug/l	95

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

