

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017548.D
 Acq On : 01 Mar 2024 13:35
 Operator : SY/MD
 Sample : VY0301SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0301SBS03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024

Quant Time: Mar 02 02:30:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	130460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	200994	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.501	117	173423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	81824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	64115	51.856	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.720%			
35) Dibromofluoromethane	7.728	113	76816	54.846	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.700%			
50) Toluene-d8	10.191	98	287196	58.648	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 117.300%			
62) 4-Bromofluorobenzene	12.489	95	87145	56.625	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20279	21.072	ug/l	99
3) Chloromethane	2.113	50	41550	23.630	ug/l	95
4) Vinyl Chloride	2.253	62	51551	22.853	ug/l	98
5) Bromomethane	2.662	94	42342	23.034	ug/l	95
6) Chloroethane	2.802	64	32515	22.849	ug/l	98
7) Trichlorofluoromethane	3.131	101	55648	24.205	ug/l	98
8) Diethyl Ether	3.539	74	15393	22.828	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	30323	22.930	ug/l	99
10) Methyl Iodide	4.100	142	31973	21.544	ug/l	99
11) Tert butyl alcohol	5.039	59	7201m	68.564	ug/l	
12) 1,1-Dichloroethene	3.875	96	27588	22.385	ug/l	97
13) Acrolein	3.747	56	14627	105.551	ug/l	98
14) Allyl chloride	4.484	41	32304	21.693	ug/l	99
15) Acrylonitrile	5.192	53	26551	95.784	ug/l	99
16) Acetone	3.984	43	23885	99.598	ug/l	98
17) Carbon Disulfide	4.204	76	76184	20.595	ug/l	99
18) Methyl Acetate	4.503	43	10472	17.999	ug/l	96
19) Methyl tert-butyl Ether	5.240	73	60208	20.960	ug/l	99
20) Methylene Chloride	4.722	84	62450	43.625	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	31961	22.149	ug/l	94
22) Diisopropyl ether	6.137	45	77677	22.605	ug/l	98
23) Vinyl Acetate	6.076	43	218960	106.933	ug/l	100
24) 1,1-Dichloroethane	6.027	63	53455	22.770	ug/l	98
25) 2-Butanone	7.008	43	32557	95.262	ug/l	91
26) 2,2-Dichloropropane	6.996	77	45071	22.835	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	35825	22.112	ug/l	98
28) Bromochloromethane	7.344	49	18987	20.536	ug/l	96
29) Tetrahydrofuran	7.374	42	18541	89.997	ug/l	99
30) Chloroform	7.520	83	56058	22.429	ug/l	100
31) Cyclohexane	7.801	56	42096	20.921	ug/l	96
32) 1,1,1-Trichloroethane	7.715	97	49316	22.727	ug/l	98
36) 1,1-Dichloropropene	7.929	75	42553	22.518	ug/l	99
37) Ethyl Acetate	7.094	43	15707	21.045	ug/l	98
38) Carbon Tetrachloride	7.911	117	44477	23.484	ug/l	98
39) Methylcyclohexane	9.191	83	48355	21.292	ug/l	95
40) Benzene	8.173	78	127616	22.740	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	6822	18.215	ug/l	92
42) 1,2-Dichloroethane	8.246	62	29719	21.705	ug/l	98
43) Isopropyl Acetate	8.282	43	27008	20.592	ug/l	98
44) Trichloroethene	8.953	130	36047	22.285	ug/l	95
45) 1,2-Dichloropropane	9.227	63	30014	22.480	ug/l	98
46) Dibromomethane	9.319	93	16333	21.375	ug/l	96
47) Bromodichloromethane	9.508	83	42021	22.649	ug/l	97
48) Methyl methacrylate	9.307	41	11584	19.081	ug/l	95
49) 1,4-Dioxane	9.337	88	3314m	383.228	ug/l	
51) 4-Methyl-2-Pentanone	10.081	43	71961	98.446	ug/l	98
52) Toluene	10.252	92	79778	22.550	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	36996	21.483	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	46490	22.218	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	23631	21.782	ug/l	96
56) Ethyl methacrylate	10.520	69	24492	19.956	ug/l	99
57) 1,3-Dichloropropane	10.800	76	37994	21.540	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.794	63	66293	105.893	ug/l	100
59) 2-Hexanone	10.843	43	52010	103.588	ug/l	100
60) Dibromochloromethane	10.995	129	27927	21.759	ug/l	100
61) 1,2-Dibromoethane	11.099	107	21403	21.408	ug/l	97
64) Tetrachloroethene	10.733	164	36283	21.797	ug/l	98
65) Chlorobenzene	11.526	112	83079	22.570	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	30786	22.324	ug/l	99
67) Ethyl Benzene	11.605	91	144462	22.378	ug/l	96
68) m/p-Xylenes	11.709	106	113445	44.722	ug/l	99
69) o-Xylene	12.038	106	52620	22.360	ug/l	98
70) Styrene	12.056	104	85861	21.980	ug/l	99
71) Bromoform	12.215	173	16152	21.136	ug/l #	99
73) Isopropylbenzene	12.337	105	138989	22.864	ug/l	100
74) N-amyl acetate	12.154	43	23005	21.457	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	24048	23.037	ug/l	98
76) 1,2,3-Trichloropropane	12.641	75	15536m	19.983	ug/l	
77) Bromobenzene	12.617	156	32646	22.176	ug/l	97
78) n-propylbenzene	12.678	91	169774	23.275	ug/l	99
79) 2-Chlorotoluene	12.763	91	93564	22.911	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	111966	22.990	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	7100	20.984	ug/l	99
82) 4-Chlorotoluene	12.861	91	95142	22.777	ug/l	98
83) tert-Butylbenzene	13.080	119	99665	23.304	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	109373	22.747	ug/l	100
85) sec-Butylbenzene	13.263	105	152679	23.351	ug/l	99
86) p-Isopropyltoluene	13.379	119	121304	22.663	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	64498	21.827	ug/l	98
88) 1,4-Dichlorobenzene	13.452	146	63633	22.150	ug/l	100
89) n-Butylbenzene	13.702	91	110731	22.675	ug/l	99
90) Hexachloroethane	13.970	117	25029	23.324	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	54957	21.988	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3179	21.662	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	28974	21.946	ug/l	98
94) Hexachlorobutadiene	15.117	225	18279	22.425	ug/l	98
95) Naphthalene	15.245	128	43820	19.703	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	24145	21.319	ug/l	99

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

