

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018926.D
 Acq On : 08 Aug 2024 12:08
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 08 14:25:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 14:14:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	91646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	142833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	116945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	57999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	15118	18.788	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	37.580%#		
35) Dibromofluoromethane	7.628	113	16978	18.611	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	37.220%#		
50) Toluene-d8	10.109	98	65825	18.786	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	37.580%#		
62) 4-Bromofluorobenzene	12.408	95	18076	17.388	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	34.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	13673	21.705	ug/l	95
3) Chloromethane	2.068	50	31841	19.368	ug/l	96
4) Vinyl Chloride	2.202	62	43770	20.734	ug/l	99
5) Bromomethane	2.580	94	34047	20.214	ug/l	98
6) Chloroethane	2.726	64	30586	21.546	ug/l	93
7) Trichlorofluoromethane	3.043	101	59146	21.022	ug/l	93
8) Diethyl Ether	3.446	74	9001	20.754	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.811	101	17544	19.959	ug/l	91
10) Methyl Iodide	3.994	142	19542	20.589	ug/l	96
11) Tert butyl alcohol	4.854	59	9931	114.016	ug/l #	84
12) 1,1-Dichloroethene	3.781	96	16850	20.291	ug/l	95
13) Acrolein	3.647	56	7907	90.970	ug/l	89
14) Allyl chloride	4.378	41	22644	20.389	ug/l #	86
15) Acrylonitrile	5.049	53	16590	97.573	ug/l	93
16) Acetone	3.860	43	13943	77.048	ug/l	99
17) Carbon Disulfide	4.098	76	50762	20.564	ug/l	100
18) Methyl Acetate	4.372	43	9055	20.247	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	40669	19.912	ug/l	100
20) Methylene Chloride	4.610	84	22450	20.403	ug/l	99
21) trans-1,2-Dichloroethene	5.104	96	18305	19.923	ug/l	96
22) Diisopropyl ether	6.006	45	48659	20.098	ug/l #	89
23) Vinyl Acetate	5.951	43	201468	96.420	ug/l	97
24) 1,1-Dichloroethane	5.903	63	29226	19.677	ug/l	98
25) 2-Butanone	6.890	43	24122	92.589	ug/l	89
26) 2,2-Dichloropropane	6.872	77	26774	19.152	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	22366	20.345	ug/l	97
28) Bromochloromethane	7.232	49	12839	18.776	ug/l	92
29) Tetrahydrofuran	7.256	42	15456	100.611	ug/l	90
30) Chloroform	7.408	83	32136	20.226	ug/l	97
31) Cyclohexane	7.689	56	27797	19.809	ug/l	95
32) 1,1,1-Trichloroethane	7.610	97	28216	19.647	ug/l	95
36) 1,1-Dichloropropene	7.829	75	23976	19.579	ug/l	99
37) Ethyl Acetate	6.976	43	10898	19.471	ug/l #	77
38) Carbon Tetrachloride	7.811	117	26994	19.226	ug/l	91
39) Methylcyclohexane	9.103	83	30724	18.640	ug/l	93
40) Benzene	8.073	78	71410	19.613	ug/l	97

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	4728	13.794	ug/l #	96
42) 1,2-Dichloroethane	8.152	62	17983	19.840	ug/l	97
43) Isopropyl Acetate	8.189	43	22386	19.666	ug/l #	78
44) Trichloroethene	8.859	130	20276	19.537	ug/l	94
45) 1,2-Dichloropropane	9.134	63	15721	19.297	ug/l	96
46) Dibromomethane	9.225	93	10389	19.736	ug/l	98
47) Bromodichloromethane	9.420	83	24451	19.849	ug/l	98
48) Methyl methacrylate	9.219	41	8970	18.038	ug/l #	83
49) 1,4-Dioxane	9.225	88	2545	409.216	ug/l #	95
51) 4-Methyl-2-Pentanone	9.993	43	55560	94.641	ug/l	90
52) Toluene	10.170	92	47687	19.717	ug/l	93
53) t-1,3-Dichloropropene	10.390	75	20898	19.023	ug/l	92
54) cis-1,3-Dichloropropene	9.853	75	24452	18.739	ug/l #	82
55) 1,1,2-Trichloroethane	10.572	97	12863	19.898	ug/l	89
56) Ethyl methacrylate	10.438	69	16701	19.081	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	21091	19.815	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	38911	86.230	ug/l	99
59) 2-Hexanone	10.761	43	38459	91.326	ug/l	86
60) Dibromochloromethane	10.914	129	16781	19.362	ug/l	98
61) 1,2-Dibromoethane	11.011	107	12129	19.431	ug/l	99
64) Tetrachloroethene	10.646	164	19889	20.288	ug/l	96
65) Chlorobenzene	11.444	112	51841	20.190	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	17873	19.901	ug/l	97
67) Ethyl Benzene	11.517	91	87096	19.592	ug/l	99
68) m/p-Xylenes	11.633	106	70135	38.474	ug/l	94
69) o-Xylene	11.956	106	33091	19.669	ug/l	93
70) Styrene	11.975	104	53131	19.173	ug/l	99
71) Bromoform	12.133	173	9168	19.630	ug/l #	99
73) Isopropylbenzene	12.255	105	85837	20.389	ug/l	99
74) N-amyl acetate	12.072	43	19513	20.086	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	13796	20.306	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	8851m	12.210	ug/l	
77) Bromobenzene	12.536	156	20235	20.632	ug/l	90
78) n-propylbenzene	12.596	91	97625	19.592	ug/l	96
79) 2-Chlorotoluene	12.682	91	52647	20.408	ug/l	95
80) 1,3,5-Trimethylbenzene	12.743	105	64608	19.583	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.310	75	4158	19.829	ug/l	84
82) 4-Chlorotoluene	12.779	91	52924	20.039	ug/l	93
83) tert-Butylbenzene	12.999	119	60774	19.502	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	63752	19.048	ug/l	95
85) sec-Butylbenzene	13.176	105	88603	19.629	ug/l	97
86) p-Isopropyltoluene	13.291	119	75748	19.380	ug/l	98
87) 1,3-Dichlorobenzene	13.291	146	38228	19.082	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	38327	19.617	ug/l	99
89) n-Butylbenzene	13.621	91	66805	19.472	ug/l	98
90) Hexachloroethane	13.883	117	14370	19.484	ug/l	94
91) 1,2-Dichlorobenzene	13.663	146	33150	20.126	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1923	20.576	ug/l	92
93) 1,2,4-Trichlorobenzene	14.925	180	18518	20.417	ug/l	96
94) Hexachlorobutadiene	15.029	225	9978	20.060	ug/l	97
95) Naphthalene	15.151	128	32930	20.395	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	15543	19.966	ug/l	97

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

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