

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072424\
 Data File : VY018910.D
 Acq On : 24 Jul 2024 16:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Jul 25 01:30:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	92611	50.000	ug/l	0.03
34) 1,4-Difluorobenzene	8.728	114	140673	50.000	ug/l	0.05
63) Chlorobenzene-d5	11.569	117	122308	50.000	ug/l	0.09
72) 1,4-Dichlorobenzene-d4	13.538	152	62242	50.000	ug/l	0.12
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	45673	50.118	ug/l	0.04
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.240%	
35) Dibromofluoromethane	7.740	113	47078	53.433	ug/l	0.04
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.860%	
50) Toluene-d8	10.240	98	166187	49.786	ug/l	0.07
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	12.575	95	58196	51.052	ug/l	0.10
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	29371	37.848	ug/l	99
3) Chloromethane	2.107	50	50089	42.475	ug/l	96
4) Vinyl Chloride	2.241	62	62536	45.333	ug/l	96
5) Bromomethane	2.643	94	44556	46.956	ug/l	97
6) Chloroethane	2.784	64	41640	46.462	ug/l	99
7) Trichlorofluoromethane	3.113	101	88372	49.024	ug/l	95
8) Diethyl Ether	3.521	74	23678	53.892	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.881	101	47448	51.302	ug/l	94
10) Methyl Iodide	4.082	142	52764	52.978	ug/l	93
11) Tert butyl alcohol	4.942	59	16616	179.989	ug/l #	79
12) 1,1-Dichloroethene	3.857	96	43942	49.112	ug/l	97
13) Acrolein	3.716	56	7782	105.215	ug/l	91
14) Allyl chloride	4.460	41	57519	51.891	ug/l	95
15) Acrylonitrile	5.149	53	46878	270.461	ug/l	97
16) Acetone	3.936	43	44972	267.673	ug/l	99
17) Carbon Disulfide	4.180	76	115760	46.205	ug/l	96
18) Methyl Acetate	4.460	43	25899	53.052	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	108923	52.478	ug/l	93
20) Methylene Chloride	4.698	84	57391	61.454	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	48098	50.933	ug/l	94
22) Diisopropyl ether	6.112	45	123099	51.053	ug/l #	91
23) Vinyl Acetate	6.051	43	487608	256.690	ug/l	98
24) 1,1-Dichloroethane	6.009	63	80318	52.172	ug/l	97
25) 2-Butanone	6.990	43	61313	260.347	ug/l	92
26) 2,2-Dichloropropane	6.984	77	70830	49.586	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	56529	51.416	ug/l	98
28) Bromochloromethane	7.338	49	31411	50.800	ug/l	97
29) Tetrahydrofuran	7.356	42	38837	268.994	ug/l	93
30) Chloroform	7.521	83	87883	51.222	ug/l	99
31) Cyclohexane	7.801	56	62483	44.628	ug/l	98
32) 1,1,1-Trichloroethane	7.722	97	82737	51.858	ug/l	99
36) 1,1-Dichloropropene	7.935	75	59991	49.339	ug/l	98
37) Ethyl Acetate	7.076	43	27281	53.979	ug/l	97
38) Carbon Tetrachloride	7.923	117	73662	50.300	ug/l	98
39) Methylcyclohexane	9.228	83	77461	49.712	ug/l	98
40) Benzene	8.185	78	184306	52.253	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	13767m	47.778	ug/l	
42) 1,2-Dichloroethane	8.264	62	52585	53.248	ug/l	
43) Isopropyl Acetate	8.301	43	52023	51.730	ug/l #	82
44) Trichloroethene	8.978	130	53526	53.088	ug/l	96
45) 1,2-Dichloropropane	9.258	63	41171	53.602	ug/l	94
46) Dibromomethane	9.350	93	27128	54.489	ug/l	99
47) Bromodichloromethane	9.545	83	68197	54.832	ug/l	97
48) Methyl methacrylate	9.337	41	24141	52.813	ug/l #	87
49) 1,4-Dioxane	9.344	88	6334	1085.315	ug/l #	99
51) 4-Methyl-2-Pentanone	10.124	43	138700	270.135	ug/l	92
52) Toluene	10.301	92	116696	49.777	ug/l	99
53) t-1,3-Dichloropropene	10.526	75	58480	54.458	ug/l	98
54) cis-1,3-Dichloropropene	9.984	75	68388	54.285	ug/l	92
55) 1,1,2-Trichloroethane	10.709	97	34339	54.467	ug/l	98
56) Ethyl methacrylate	10.575	69	43580	52.504	ug/l #	84
57) 1,3-Dichloropropane	10.855	76	55591	53.192	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.831	63	105966	267.220	ug/l	93
59) 2-Hexanone	10.898	43	94153	262.115	ug/l	92
60) Dibromochloromethane	11.051	129	47934	55.336	ug/l	99
61) 1,2-Dibromoethane	11.160	107	32670	53.303	ug/l	98
64) Tetrachloroethene	10.782	164	53360	53.900	ug/l	97
65) Chlorobenzene	11.593	112	136881	53.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.666	131	48516	54.577	ug/l	97
67) Ethyl Benzene	11.672	91	231246	51.162	ug/l	98
68) m/p-Xylenes	11.672	106	73885	41.656	ug/l #	21
69) o-Xylene	12.111	106	85147	51.062	ug/l	98
70) Styrene	12.130	104	146012	52.478	ug/l	96
71) Bromoform	12.294	173	28468	58.752	ug/l #	98
73) Isopropylbenzene	12.416	105	228743	50.215	ug/l	98
74) N-amyl acetate	12.233	43	46507	49.922	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.678	83	37019	51.550	ug/l	99
76) 1,2,3-Trichloropropane	12.727	75	26149m	53.640	ug/l	
77) Bromobenzene	12.703	156	55533	51.066	ug/l	93
78) n-propylbenzene	12.770	91	262803	48.582	ug/l	97
79) 2-Chlorotoluene	12.855	91	150353	49.430	ug/l	97
80) 1,3,5-Trimethylbenzene	12.916	105	185117	49.666	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.471	75	11275m	51.763	ug/l	
82) 4-Chlorotoluene	12.959	91	153528m	49.017	ug/l	
83) tert-Butylbenzene	13.178	119	170104	49.433	ug/l	96
84) 1,2,4-Trimethylbenzene	13.227	105	180629	48.769	ug/l	98
85) sec-Butylbenzene	13.361	105	244744	50.108	ug/l	97
86) p-Isopropyltoluene	13.483	119	209316	49.641	ug/l	96
87) 1,3-Dichlorobenzene	13.477	146	108418	50.761	ug/l	99
88) 1,4-Dichlorobenzene	13.556	146	105239m	49.714	ug/l	
89) n-Butylbenzene	13.812	91	184788	48.339	ug/l	98
90) Hexachloroethane	14.087	117	40330	51.429	ug/l	95
91) 1,2-Dichlorobenzene	13.855	146	92064	49.899	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.489	75	5692	48.916	ug/l	98
93) 1,2,4-Trichlorobenzene	15.160	180	58295	51.760	ug/l	98
94) Hexachlorobutadiene	15.269	225	33032	50.883	ug/l	98
95) Naphthalene	15.397	128	98205	50.828	ug/l	99
96) 1,2,3-Trichlorobenzene	15.598	180	49259	51.117	ug/l	99

07/25/2024
 Supervised By :Semsettin
 Yesilyurt

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

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Yesilyurt

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