

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018237.D
 Acq On : 13 May 2024 12:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 14 02:22:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	223629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	366697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	314391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94740	57.587	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	115.180%	
35) Dibromofluoromethane	7.710	113	108404	56.251	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	112.500%	
50) Toluene-d8	10.179	98	434429	57.205	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	114.420%	
62) 4-Bromofluorobenzene	12.477	95	135429	55.221	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	110.440%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	80363	45.314	ug/l	96
3) Chloromethane	2.107	50	113864	47.963	ug/l	98
4) Vinyl Chloride	2.247	62	140790	48.922	ug/l	98
5) Bromomethane	2.644	94	97725	48.896	ug/l	99
6) Chloroethane	2.790	64	89541	49.026	ug/l	100
7) Trichlorofluoromethane	3.119	101	155020	45.988	ug/l	95
8) Diethyl Ether	3.521	74	49049	44.201	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	95494	44.451	ug/l	97
10) Methyl Iodide	4.082	142	115948	46.219	ug/l	99
11) Tert butyl alcohol	4.936	59	38012	263.523	ug/l	98
12) 1,1-Dichloroethene	3.863	96	99457	45.988	ug/l	93
13) Acrolein	3.723	56	48272	301.190	ug/l	96
14) Allyl chloride	4.473	41	124239	45.157	ug/l	98
15) Acrylonitrile	5.149	53	103244	241.935	ug/l	99
16) Acetone	3.936	43	100381	305.751	ug/l	94
17) Carbon Disulfide	4.186	76	280186	47.589	ug/l	99
18) Methyl Acetate	4.460	43	40620	43.434	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	221301	45.936	ug/l	100
20) Methylene Chloride	4.710	84	114710	49.432	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	104879	45.749	ug/l	97
22) Diisopropyl ether	6.112	45	268734	46.045	ug/l	94
23) Vinyl Acetate	6.051	43	864463	243.695	ug/l	99
24) 1,1-Dichloroethane	6.009	63	165528	46.048	ug/l	99
25) 2-Butanone	6.978	43	139639	266.080	ug/l	91
26) 2,2-Dichloropropane	6.972	77	149591	45.979	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	123954	45.752	ug/l	97
28) Bromochloromethane	7.326	49	70663	49.182	ug/l	97
29) Tetrahydrofuran	7.344	42	83911	242.226	ug/l	94
30) Chloroform	7.502	83	170813	45.517	ug/l	100
31) Cyclohexane	7.783	56	146454	45.569	ug/l	96
32) 1,1,1-Trichloroethane	7.698	97	153588	45.662	ug/l	99
36) 1,1-Dichloropropene	7.911	75	127237	46.055	ug/l	98
37) Ethyl Acetate	7.070	43	58667	50.453	ug/l #	96
38) Carbon Tetrachloride	7.893	117	139433	46.189	ug/l	99
39) Methylcyclohexane	9.179	83	181396	45.512	ug/l	97
40) Benzene	8.155	78	406775	45.774	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	34128m	50.826	ug/l	
42) 1,2-Dichloroethane	8.234	62	92882	48.037	ug/l	98
43) Isopropyl Acetate	8.271	43	113757	47.728	ug/l	94
44) Trichloroethene	8.935	130	109875	45.419	ug/l	96
45) 1,2-Dichloropropane	9.209	63	87761	45.172	ug/l	97
46) Dibromomethane	9.307	93	51757	46.340	ug/l	99
47) Bromodichloromethane	9.496	83	126510	45.817	ug/l	98
48) Methyl methacrylate	9.289	41	52425	47.992	ug/l	90
49) 1,4-Dioxane	9.295	88	14067	948.838	ug/l #	99
51) 4-Methyl-2-Pentanone	10.069	43	289249	241.457	ug/l	96
52) Toluene	10.240	92	261996	45.795	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	119999	46.527	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	145488	46.148	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	71430	46.555	ug/l	98
56) Ethyl methacrylate	10.508	69	97347	46.716	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	115690	46.329	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	227120	228.255	ug/l	95
59) 2-Hexanone	10.831	43	215951	257.820	ug/l	93
60) Dibromochloromethane	10.984	129	91346	45.888	ug/l	100
61) 1,2-Dibromoethane	11.087	107	66920	46.306	ug/l	98
64) Tetrachloroethene	10.721	164	94542	45.165	ug/l	99
65) Chlorobenzene	11.514	112	287968	44.973	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	93288	45.041	ug/l	99
67) Ethyl Benzene	11.593	91	490017	45.325	ug/l	95
68) m/p-Xylenes	11.703	106	388580	90.888	ug/l	97
69) o-Xylene	12.026	106	183934	44.830	ug/l	96
70) Styrene	12.044	104	309328	45.145	ug/l	97
71) Bromoform	12.209	173	52333	45.666	ug/l #	97
73) Isopropylbenzene	12.331	105	471684	44.824	ug/l	98
74) N-amyl acetate	12.142	43	104239	47.719	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	77476	46.154	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	52546m	46.773	ug/l	
77) Bromobenzene	12.605	156	108220	44.766	ug/l	95
78) n-propylbenzene	12.672	91	557206	45.524	ug/l	97
79) 2-Chlorotoluene	12.758	91	302423	44.464	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	375811	45.291	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	27739	47.572	ug/l	98
82) 4-Chlorotoluene	12.855	91	310724	45.481	ug/l	97
83) tert-Butylbenzene	13.075	119	347790	45.441	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	368423	45.327	ug/l	98
85) sec-Butylbenzene	13.251	105	510408	45.464	ug/l	98
86) p-Isopropyltoluene	13.367	119	420549	45.535	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	210220	45.028	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	206222	45.311	ug/l	99
89) n-Butylbenzene	13.696	91	391012	46.781	ug/l	98
90) Hexachloroethane	13.959	117	81502	44.982	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	183690	45.776	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10920	47.775	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	107359	47.590	ug/l	99
94) Hexachlorobutadiene	15.111	225	60083	48.272	ug/l	98
95) Naphthalene	15.233	128	201396	48.720	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	92592	50.014	ug/l	97

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

