

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018391.D
 Acq On : 29 May 2024 11:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024

Quant Time: May 30 03:59:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	131576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75278	60.388	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.780%			
35) Dibromofluoromethane	7.710	113	77127	55.269	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.540%			
50) Toluene-d8	10.179	98	298366	54.840	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.680%			
62) 4-Bromofluorobenzene	12.477	95	92228	54.861	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49417	44.003	ug/l	98
3) Chloromethane	2.107	50	83200	45.588	ug/l	96
4) Vinyl Chloride	2.241	62	102277	50.094	ug/l	99
5) Bromomethane	2.644	94	71382	48.901	ug/l	99
6) Chloroethane	2.784	64	67842	51.189	ug/l	100
7) Trichlorofluoromethane	3.113	101	109557	47.815	ug/l	97
8) Diethyl Ether	3.515	74	37272	50.945	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	65397	46.265	ug/l	94
10) Methyl Iodide	4.088	142	70669	49.713	ug/l	97
11) Tert butyl alcohol	4.936	59	29073	254.416	ug/l #	76
12) 1,1-Dichloroethene	3.863	96	64505	46.334	ug/l	87
13) Acrolein	3.723	56	24322	235.275	ug/l	99
14) Allyl chloride	4.466	41	101213	52.054	ug/l	96
15) Acrylonitrile	5.143	53	87064	275.134	ug/l	98
16) Acetone	3.936	43	79893	311.607	ug/l	91
17) Carbon Disulfide	4.186	76	194929	50.140	ug/l	100
18) Methyl Acetate	4.460	43	34703	51.066	ug/l	94
19) Methyl tert-butyl Ether	5.204	73	178363	53.430	ug/l	99
20) Methylene Chloride	4.704	84	79677	54.398	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	73796	50.248	ug/l	90
22) Diisopropyl ether	6.106	45	220387	54.544	ug/l	93
23) Vinyl Acetate	6.051	43	728976	281.759	ug/l	95
24) 1,1-Dichloroethane	6.009	63	130319	52.592	ug/l	96
25) 2-Butanone	6.978	43	117343	288.809	ug/l	88
26) 2,2-Dichloropropane	6.978	77	109531	51.133	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	88391	51.218	ug/l	94
28) Bromochloromethane	7.326	49	45847	54.476	ug/l	86
29) Tetrahydrofuran	7.338	42	74455	278.410	ug/l	89
30) Chloroform	7.496	83	131447	52.044	ug/l	94
31) Cyclohexane	7.777	56	115915	52.945	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	111996	50.520	ug/l	96
36) 1,1-Dichloropropene	7.911	75	96788	47.826	ug/l	98
37) Ethyl Acetate	7.070	43	51127	52.811	ug/l	96
38) Carbon Tetrachloride	7.893	117	95479	46.064	ug/l	100
39) Methylcyclohexane	9.179	83	127858	45.290	ug/l	94
40) Benzene	8.155	78	308790	50.053	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	27969	57.877	ug/l	87
42) 1,2-Dichloroethane	8.228	62	76767	51.730	ug/l	98
43) Isopropyl Acetate	8.271	43	97473	51.603	ug/l	93
44) Trichloroethene	8.935	130	73982	46.784	ug/l	96
45) 1,2-Dichloropropane	9.209	63	72703	52.397	ug/l	99
46) Dibromomethane	9.301	93	41570	51.057	ug/l	93
47) Bromodichloromethane	9.490	83	99104	50.155	ug/l	98
48) Methyl methacrylate	9.289	41	45015	52.684	ug/l	90
49) 1,4-Dioxane	9.295	88	10322	977.118	ug/l #	98
51) 4-Methyl-2-Pentanone	10.063	43	254578	267.049	ug/l	95
52) Toluene	10.240	92	186321	48.178	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	93103	51.537	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	114343	51.655	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	54974	50.965	ug/l	96
56) Ethyl methacrylate	10.508	69	77883	52.640	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	94010	51.421	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	173056	258.856	ug/l	97
59) 2-Hexanone	10.825	43	178162	271.605	ug/l	93
60) Dibromochloromethane	10.983	129	67305	51.659	ug/l	98
61) 1,2-Dibromoethane	11.087	107	51582	51.826	ug/l	100
64) Tetrachloroethene	10.715	164	66671	44.670	ug/l	95
65) Chlorobenzene	11.514	112	203004	46.707	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	65934	47.953	ug/l	100
67) Ethyl Benzene	11.587	91	346748	45.428	ug/l	99
68) m/p-Xylenes	11.697	106	270998	92.275	ug/l	98
69) o-Xylene	12.026	106	128327	46.301	ug/l	99
70) Styrene	12.044	104	217620	47.500	ug/l	99
71) Bromoform	12.203	173	37824	52.008	ug/l #	97
73) Isopropylbenzene	12.325	105	331403	44.661	ug/l	99
74) N-amyl acetate	12.142	43	80176	46.311	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	57421	45.414	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	39475m	46.521	ug/l	
77) Bromobenzene	12.605	156	76047	46.791	ug/l	97
78) n-propylbenzene	12.666	91	390162	43.912	ug/l	99
79) 2-Chlorotoluene	12.751	91	211483	43.965	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	260208	44.624	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	18643	45.204	ug/l	95
82) 4-Chlorotoluene	12.849	91	215164	44.116	ug/l	97
83) tert-Butylbenzene	13.075	119	244538	45.367	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	258889	45.144	ug/l	99
85) sec-Butylbenzene	13.251	105	349526	43.845	ug/l	99
86) p-Isopropyltoluene	13.367	119	292523	44.861	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	149698	46.776	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	144610	45.399	ug/l	99
89) n-Butylbenzene	13.696	91	264121	43.103	ug/l	99
90) Hexachloroethane	13.959	117	54033	44.873	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	129242	46.540	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8323	47.993	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	74169	46.889	ug/l	98
94) Hexachlorobutadiene	15.111	225	38350	47.376	ug/l	97
95) Naphthalene	15.233	128	148591	47.771	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	62902	46.774	ug/l	99

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

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