

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018478.D
 Acq On : 04 Jun 2024 21:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 01:32:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	44367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	72048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	66676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	36653	42.067	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.140%		
35) Dibromofluoromethane	7.704	113	35766	39.148	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	78.300%		
50) Toluene-d8	10.173	98	134191	36.920	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	73.840%		
62) 4-Bromofluorobenzene	12.477	95	44530	39.350	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	78.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27051	38.391	ug/l	99
3) Chloromethane	2.101	50	72976	55.535	ug/l	97
4) Vinyl Chloride	2.241	62	85409	54.339	ug/l	98
5) Bromomethane	2.637	94	54053	51.546	ug/l	96
6) Chloroethane	2.778	64	55643	56.070	ug/l	91
7) Trichlorofluoromethane	3.107	101	81651	50.208	ug/l	93
8) Diethyl Ether	3.515	74	24858	50.801	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.875	101	42901	45.304	ug/l	91
10) Methyl Iodide	4.076	142	45643	49.071	ug/l	96
11) Tert butyl alcohol	4.942	59	21925	216.871	ug/l #	73
12) 1,1-Dichloroethene	3.857	96	42773	45.955	ug/l	89
13) Acrolein	3.716	56	24893	279.117	ug/l	98
14) Allyl chloride	4.454	41	75042	55.051	ug/l #	91
15) Acrylonitrile	5.149	53	64148	286.664	ug/l	99
16) Acetone	3.936	43	45309	234.294	ug/l #	85
17) Carbon Disulfide	4.180	76	124628	45.645	ug/l	99
18) Methyl Acetate	4.460	43	28866	59.692	ug/l	92
19) Methyl tert-butyl Ether	5.198	73	121930	54.355	ug/l	99
20) Methylene Chloride	4.692	84	59616	57.148	ug/l #	88
21) trans-1,2-Dichloroethene	5.204	96	49557	49.893	ug/l	92
22) Diisopropyl ether	6.106	45	158896	57.238	ug/l	95
23) Vinyl Acetate	6.045	43	511830	283.302	ug/l	95
24) 1,1-Dichloroethane	6.003	63	93407	53.946	ug/l	97
25) 2-Butanone	6.972	43	79161	267.204	ug/l	89
26) 2,2-Dichloropropane	6.966	77	66254	43.535	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	61275	53.034	ug/l	95
28) Bromochloromethane	7.319	49	43422	54.495	ug/l #	81
29) Tetrahydrofuran	7.338	42	55440	288.151	ug/l #	85
30) Chloroform	7.496	83	96430	55.527	ug/l	96
31) Cyclohexane	7.777	56	78234	48.158	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	79615	52.342	ug/l	96
36) 1,1-Dichloropropene	7.911	75	68771	49.367	ug/l	96
37) Ethyl Acetate	7.063	43	38046	54.670	ug/l	97
38) Carbon Tetrachloride	7.893	117	67676	48.480	ug/l	98
39) Methylcyclohexane	9.179	83	86549	45.959	ug/l	94
40) Benzene	8.149	78	215424	51.612	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.289	41	16557	48.912	ug/l	93
42) 1,2-Dichloroethane	8.228	62	54641	53.846	ug/l	99
43) Isopropyl Acetate	8.264	43	73907	56.797	ug/l #	89
44) Trichloroethene	8.929	130	51144	49.445	ug/l	88
45) 1,2-Dichloropropane	9.209	63	50966	53.392	ug/l	97
46) Dibromomethane	9.295	93	29381	53.685	ug/l	90
47) Bromodichloromethane	9.490	83	70315	53.523	ug/l	96
48) Methyl methacrylate	9.283	41	33754	56.380	ug/l	87
49) 1,4-Dioxane	9.289	88	8203	1141.373	ug/l #	100
51) 4-Methyl-2-Pentanone	10.063	43	200601	296.884	ug/l	91
52) Toluene	10.240	92	132539	51.628	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	63399	52.551	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	77326	52.056	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	38909	54.645	ug/l	92
56) Ethyl methacrylate	10.502	69	57887	57.773	ug/l #	85
57) 1,3-Dichloropropane	10.782	76	67761	56.058	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	149742	278.301	ug/l	94
59) 2-Hexanone	10.825	43	134587	288.239	ug/l	90
60) Dibromochloromethane	10.977	129	44789	51.488	ug/l	99
61) 1,2-Dibromoethane	11.081	107	36450	54.363	ug/l	99
64) Tetrachloroethene	10.715	164	46298	47.140	ug/l	92
65) Chlorobenzene	11.514	112	140871	49.267	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	45654	49.379	ug/l	98
67) Ethyl Benzene	11.587	91	261406	50.228	ug/l	99
68) m/p-Xylenes	11.697	106	194506	99.252	ug/l	93
69) o-Xylene	12.026	106	92427	48.994	ug/l	94
70) Styrene	12.038	104	159396	51.714	ug/l	99
71) Bromoform	12.203	173	23320	47.878	ug/l #	98
73) Isopropylbenzene	12.325	105	247788	46.610	ug/l	98
74) N-amyl acetate	12.142	43	66460	51.359	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.575	83	46423	49.606	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	30138m	47.178	ug/l	
77) Bromobenzene	12.605	156	51928	46.005	ug/l	89
78) n-propylbenzene	12.666	91	303171	47.515	ug/l	97
79) 2-Chlorotoluene	12.751	91	165737	47.780	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	198715	47.993	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	13747	45.211	ug/l	91
82) 4-Chlorotoluene	12.849	91	170197	48.759	ug/l	99
83) tert-Butylbenzene	13.068	119	178978	46.746	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	199418	49.195	ug/l	98
85) sec-Butylbenzene	13.251	105	269489	47.793	ug/l	98
86) p-Isopropyltoluene	13.367	119	214814	47.203	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	107311	48.196	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	104007	47.548	ug/l	98
89) n-Butylbenzene	13.690	91	206962	47.858	ug/l	99
90) Hexachloroethane	13.959	117	40943	47.999	ug/l	82
91) 1,2-Dichlorobenzene	13.733	146	93471	48.243	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	6676	46.880	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	45863	43.768	ug/l	97
94) Hexachlorobutadiene	15.111	225	22849	41.057	ug/l	97
95) Naphthalene	15.233	128	100609	47.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	40156	45.293	ug/l	98

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

