

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018927.D
 Acq On : 08 Aug 2024 12:48
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Aug 08 14:25:42 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	90796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	140487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	119718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	62164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	39812	49.941	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.880%		
35) Dibromofluoromethane	7.622	113	44578	49.682	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.360%		
50) Toluene-d8	10.103	98	169652	49.225	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.408	95	49298	48.213	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	30716	49.217	ug/l	96
3) Chloromethane	2.068	50	79501	54.349	ug/l	98
4) Vinyl Chloride	2.202	62	109558	52.384	ug/l	99
5) Bromomethane	2.592	94	78924	47.298	ug/l	98
6) Chloroethane	2.733	64	72942	51.864	ug/l	98
7) Trichlorofluoromethane	3.050	101	138241	49.595	ug/l	97
8) Diethyl Ether	3.452	74	22105	51.445	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	44416	51.004	ug/l	92
10) Methyl Iodide	4.001	142	54892	58.375	ug/l	96
11) Tert butyl alcohol	4.848	59	17917	262.426	ug/l	99
12) 1,1-Dichloroethene	3.787	96	43248	52.568	ug/l	96
13) Acrolein	3.647	56	20983	251.693	ug/l	96
14) Allyl chloride	4.379	41	58246	52.936	ug/l #	87
15) Acrylonitrile	5.043	53	44784	265.861	ug/l	99
16) Acetone	3.854	43	54929	281.580	ug/l #	83
17) Carbon Disulfide	4.104	76	128464	52.528	ug/l	99
18) Methyl Acetate	4.372	43	21481	48.481	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	105544	52.158	ug/l	98
20) Methylene Chloride	4.604	84	49228	54.417	ug/l	90
21) trans-1,2-Dichloroethene	5.104	96	47867	52.585	ug/l	97
22) Diisopropyl ether	6.006	45	126788	52.858	ug/l #	83
23) Vinyl Acetate	5.951	43	555683	268.433	ug/l	96
24) 1,1-Dichloroethane	5.903	63	76043	51.677	ug/l	98
25) 2-Butanone	6.884	43	71600	277.399	ug/l	93
26) 2,2-Dichloropropane	6.884	77	71664	51.744	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	56360	51.748	ug/l	97
28) Bromochloromethane	7.238	49	33108	48.871	ug/l	92
29) Tetrahydrofuran	7.250	42	39004	256.274	ug/l	95
30) Chloroform	7.415	83	83515	53.056	ug/l	98
31) Cyclohexane	7.695	56	66743	53.830	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	75410	52.999	ug/l	95
36) 1,1-Dichloropropene	7.829	75	59907	49.738	ug/l	99
37) Ethyl Acetate	6.976	43	28060	50.970	ug/l	99
38) Carbon Tetrachloride	7.805	117	70937	51.366	ug/l	96
39) Methylcyclohexane	9.103	83	84306	52.001	ug/l	93
40) Benzene	8.073	78	185521	51.805	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	14343m	49.071	ug/l	
42) 1,2-Dichloroethane	8.146	62	46098	51.707	ug/l	98
43) Isopropyl Acetate	8.189	43	58796	52.515	ug/l #	90
44) Trichloroethene	8.859	130	51613	50.562	ug/l	98
45) 1,2-Dichloropropane	9.140	63	41651	51.978	ug/l	99
46) Dibromomethane	9.225	93	27464	53.044	ug/l	97
47) Bromodichloromethane	9.420	83	63533	52.436	ug/l	100
48) Methyl methacrylate	9.213	41	25441	52.015	ug/l #	81
49) 1,4-Dioxane	9.213	88	5938	970.728	ug/l #	98
51) 4-Methyl-2-Pentanone	9.999	43	152382	263.903	ug/l	89
52) Toluene	10.170	92	122523	51.505	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	57604	53.313	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	68014	52.993	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	33547	52.760	ug/l	95
56) Ethyl methacrylate	10.438	69	45283	52.599	ug/l #	77
57) 1,3-Dichloropropane	10.719	76	55153	52.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	110608	249.210	ug/l	97
59) 2-Hexanone	10.762	43	113947	275.101	ug/l	86
60) Dibromochloromethane	10.908	129	45457	53.324	ug/l	99
61) 1,2-Dibromoethane	11.012	107	31426	51.186	ug/l	99
64) Tetrachloroethene	10.652	164	52893	52.705	ug/l	92
65) Chlorobenzene	11.444	112	140351	53.394	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	48601	52.862	ug/l	99
67) Ethyl Benzene	11.524	91	242308	53.244	ug/l	94
68) m/p-Xylenes	11.633	106	197347	105.752	ug/l	95
69) o-Xylene	11.956	106	91409	53.073	ug/l	97
70) Styrene	11.969	104	158825	55.987	ug/l	97
71) Bromoform	12.133	173	25596	53.536	ug/l #	97
73) Isopropylbenzene	12.255	105	230856	51.161	ug/l	97
74) N-amyl acetate	12.072	43	55325	53.133	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	37489	51.482	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	24204m	31.152	ug/l	
77) Bromobenzene	12.536	156	53899	51.275	ug/l	91
78) n-propylbenzene	12.597	91	275976	51.674	ug/l	96
79) 2-Chlorotoluene	12.682	91	142461	51.524	ug/l	96
80) 1,3,5-Trimethylbenzene	12.743	105	183513	51.896	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.310	75	11474	51.053	ug/l	86
82) 4-Chlorotoluene	12.780	91	146506	51.755	ug/l	94
83) tert-Butylbenzene	12.999	119	177478	53.136	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	188965	52.677	ug/l	99
85) sec-Butylbenzene	13.182	105	250387	51.754	ug/l	96
86) p-Isopropyltoluene	13.298	119	226229	54.001	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	114042	53.110	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	108566	51.844	ug/l	99
89) n-Butylbenzene	13.621	91	197428	53.690	ug/l	97
90) Hexachloroethane	13.883	117	41694	52.745	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	93890	53.182	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4810	48.019	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	51239	52.709	ug/l	99
94) Hexachlorobutadiene	15.029	225	28434	53.333	ug/l	99
95) Naphthalene	15.151	128	90863	52.504	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	44066	52.812	ug/l	97

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

