

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
 Data File : VY007462.D
 Acq On : 10 Feb 2022 10:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Feb 11 00:46:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

02/11/2022
 Supervised By :Mahesh
 Dadoda

02/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	139138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	234561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87586	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.149	65	70473	44.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.060%
35) Dibromofluoromethane	7.722	113	65160	43.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.520%
50) Toluene-d8	10.185	98	234190	42.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.180%
62) 4-Bromofluorobenzene	12.483	95	80589	42.609	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.220%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.912	85	73153	44.906	ug/l	96
3) Chloromethane	2.119	50	82633	46.062	ug/l	99
4) Vinyl Chloride	2.259	62	89226	46.448	ug/l	99
5) Bromomethane	2.662	94	58304	50.108	ug/l	97
6) Chloroethane	2.802	64	56668	48.034	ug/l	99
7) Trichlorofluoromethane	3.137	101	153380	49.272	ug/l	94
8) Diethyl Ether	3.534	74	43325	46.888	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.912	101	87064	49.661	ug/l	92
10) Methyl Iodide	4.101	142	97768	51.730	ug/l	96
11) Tert butyl alcohol	4.948	59	28495	132.328	ug/l #	95
12) 1,1-Dichloroethene	3.887	96	78540	48.498	ug/l	85
13) Acrolein	3.741	56	40173	186.855	ug/l	97
14) Allyl chloride	4.491	41	118735	47.735	ug/l #	94
15) Acrylonitrile	5.167	53	96852	223.097	ug/l	99
16) Acetone	3.954	43	114833	220.927	ug/l	94
17) Carbon Disulfide	4.204	76	231387	45.512	ug/l	99
18) Methyl Acetate	4.485	43	42493	43.648	ug/l	91
19) Methyl tert-butyl Ether	5.234	73	210711	46.183	ug/l	92
20) Methylene Chloride	4.728	84	80498	47.679	ug/l	86
21) trans-1,2-Dichloroethene	5.234	96	84309	47.059	ug/l	88
22) Diisopropyl ether	6.125	45	243517	46.724	ug/l #	95
23) Vinyl Acetate	6.064	43	772476	227.263	ug/l #	93
24) 1,1-Dichloroethane	6.027	63	153524	48.773	ug/l	98
25) 2-Butanone	6.990	43	133927	213.262	ug/l #	88
26) 2,2-Dichloropropane	6.990	77	147127	48.848	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	95875	48.449	ug/l	90
28) Bromochloromethane	7.344	49	58640	47.644	ug/l	86
29) Tetrahydrofuran	7.350	42	76321	210.316	ug/l #	88
30) Chloroform	7.515	83	158392	48.372	ug/l	100
31) Cyclohexane	7.795	56	142519	45.637	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	148500	48.796	ug/l	96
36) 1,1-Dichloropropene	7.923	75	125998	47.850	ug/l	100
37) Ethyl Acetate	7.082	43	53197	40.636	ug/l	96
38) Carbon Tetrachloride	7.905	117	134421	48.590	ug/l	98
39) Methylcyclohexane	9.185	83	156932	47.456	ug/l	92
40) Benzene	8.167	78	333246	47.745	ug/l	96

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 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	34245m	52.641	ug/l	
42) 1,2-Dichloroethane	8.240	62	98240	46.301	ug/l	95
43) Isopropyl Acetate	8.277	43	106854	43.646	ug/l #	91
44) Trichloroethene	8.941	130	90892	48.162	ug/l	89
45) 1,2-Dichloropropane	9.222	63	81298	47.237	ug/l	95
46) Dibromomethane	9.313	93	47495	46.384	ug/l	91
47) Bromodichloromethane	9.502	83	117965	47.641	ug/l	98
48) Methyl methacrylate	9.295	41	49981	45.143	ug/l #	89
49) 1,4-Dioxane	9.301	88	9600	855.899	ug/l #	84
51) 4-Methyl-2-Pentanone	10.075	43	267252	215.239	ug/l	91
52) Toluene	10.246	92	210145	47.785	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	121994	47.161	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	138438	47.781	ug/l #	86
55) 1,1,2-Trichloroethane	10.648	97	62419	46.415	ug/l	98
56) Ethyl methacrylate	10.514	69	86235	46.167	ug/l #	82
57) 1,3-Dichloropropane	10.794	76	109576	45.956	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	226343	232.950	ug/l	96
59) 2-Hexanone	10.837	43	194796	215.193	ug/l	90
60) Dibromochloromethane	10.990	129	78681	46.996	ug/l	100
61) 1,2-Dibromoethane	11.093	107	61379	46.133	ug/l	100
64) Tetrachloroethene	10.721	164	77465	49.232	ug/l	93
65) Chlorobenzene	11.520	112	217321	48.725	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	81182	48.758	ug/l	98
67) Ethyl Benzene	11.593	91	417431	49.320	ug/l	98
68) m/p-Xylenes	11.709	106	307583	98.121	ug/l	99
69) o-Xylene	12.032	106	144497	48.754	ug/l	100
70) Styrene	12.044	104	238974	48.913	ug/l	99
71) Bromoform	12.209	173	43445	47.293	ug/l #	99
73) Isopropylbenzene	12.331	105	401700	50.183	ug/l	98
74) N-amyl acetate	12.148	43	91374	46.117	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	67550	46.210	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	46240m	44.409	ug/l	
77) Bromobenzene	12.611	156	81838	48.536	ug/l	99
78) n-propylbenzene	12.672	91	489791	50.517	ug/l	98
79) 2-Chlorotoluene	12.758	91	265844	49.523	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	325800	49.892	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	24935	47.977	ug/l	86
82) 4-Chlorotoluene	12.855	91	270698	49.098	ug/l	98
83) tert-Butylbenzene	13.081	119	290533	51.108	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	320321	49.821	ug/l	98
85) sec-Butylbenzene	13.257	105	430583	50.498	ug/l	98
86) p-Isopropyltoluene	13.373	119	351751	50.641	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	162071	49.575	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	156732	48.095	ug/l	97
89) n-Butylbenzene	13.696	91	339827	50.831	ug/l	99
90) Hexachloroethane	13.965	117	66113	50.365	ug/l	79
91) 1,2-Dichlorobenzene	13.745	146	140168	48.711	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10467	44.062	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	81718	47.954	ug/l	97
94) Hexachlorobutadiene	15.117	225	48131	51.021	ug/l	98
95) Naphthalene	15.239	128	167544	47.311	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	69275	48.159	ug/l	97

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

