

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006454.D
 Acq On : 25 Oct 2021 09:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

10/26/2021 6:15:56 PM

Quant Time: Oct 26 02:39:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	148540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	220807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	206266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88355	48.337	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.680%
35) Dibromofluoromethane	7.722	113	63651	51.719	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.440%
50) Toluene-d8	10.185	98	274143	52.546	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.100%
62) 4-Bromofluorobenzene	12.483	95	91495	52.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	72133	52.534	ug/l	98
3) Chloromethane	2.119	50	88857	47.944	ug/l	98
4) Vinyl Chloride	2.259	62	99433	48.038	ug/l	98
5) Bromomethane	2.650	94	69098	50.108	ug/l	95
6) Chloroethane	2.796	64	60242	49.287	ug/l	95
7) Trichlorofluoromethane	3.131	101	130802	49.768	ug/l	98
8) Diethyl Ether	3.534	74	41914	48.695	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	66206	49.478	ug/l	97
10) Methyl Iodide	4.094	142	61538	42.863	ug/l	99
11) Tert butyl alcohol	4.966	59	36634	220.612	ug/l	100
12) 1,1-Dichloroethene	3.875	96	67809	50.565	ug/l	95
13) Acrolein	3.735	56	23995	209.018	ug/l	99
14) Allyl chloride	4.491	41	137896	49.960	ug/l	99
15) Acrylonitrile	5.167	53	117632	242.680	ug/l	100
16) Acetone	3.954	43	149079	283.242	ug/l	99
17) Carbon Disulfide	4.198	76	226283	51.445	ug/l	99
18) Methyl Acetate	4.485	43	80251	47.020	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	212721	49.477	ug/l	100
20) Methylene Chloride	4.722	84	76273	46.391	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	76630	50.389	ug/l	96
22) Diisopropyl ether	6.125	45	268704	48.846	ug/l	99
23) Vinyl Acetate	6.064	43	825710	246.792	ug/l	99
24) 1,1-Dichloroethane	6.021	63	141521	49.200	ug/l	99
25) 2-Butanone	6.990	43	181330	262.971	ug/l	97
26) 2,2-Dichloropropane	6.990	77	138321	50.558	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	86070	49.575	ug/l	99
28) Bromochloromethane	7.338	49	51657	44.263	ug/l	96
29) Tetrahydrofuran	7.350	42	103308	244.202	ug/l	100
30) Chloroform	7.508	83	143114	48.179	ug/l	97
31) Cyclohexane	7.789	56	142355	48.107	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	138574	50.522	ug/l	99
36) 1,1-Dichloropropene	7.923	75	113190	51.881	ug/l	99
37) Ethyl Acetate	7.076	43	68903	49.903	ug/l	99
38) Carbon Tetrachloride	7.905	117	124745	51.830	ug/l	98
39) Methylcyclohexane	9.185	83	140902	53.053	ug/l	100
40) Benzene	8.167	78	320703	51.538	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	41004m	52.335	ug/l	
42) 1,2-Dichloroethane	8.240	62	109985	49.495	ug/l	99
43) Isopropyl Acetate	8.277	43	136207	50.850	ug/l	99
44) Trichloroethene	8.941	130	83874	52.263	ug/l	100
45) 1,2-Dichloropropane	9.222	63	78817	51.136	ug/l	97
46) Dibromomethane	9.307	93	43210	51.073	ug/l	98
47) Bromodichloromethane	9.502	83	110806	50.345	ug/l	97
48) Methyl methacrylate	9.295	41	63488	51.141	ug/l	99
49) 1,4-Dioxane	9.301	88	11294	983.267	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	364383	259.508	ug/l	100
52) Toluene	10.246	92	201614	51.640	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	121020	51.041	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	131846	51.325	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	59188	50.597	ug/l	96
56) Ethyl methacrylate	10.514	69	93680	51.837	ug/l	97
57) 1,3-Dichloropropane	10.794	76	109141	51.337	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	203957	247.395	ug/l	99
59) 2-Hexanone	10.831	43	286716	282.135	ug/l	100
60) Dibromochloromethane	10.983	129	74866	51.885	ug/l	99
61) 1,2-Dibromoethane	11.093	107	56274	51.095	ug/l	100
64) Tetrachloroethene	10.721	164	100481	55.712	ug/l	99
65) Chlorobenzene	11.520	112	210029	52.321	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	79180	52.396	ug/l	99
67) Ethyl Benzene	11.593	91	403927	52.844	ug/l	97
68) m/p-Xylenes	11.703	106	307059	106.781	ug/l	97
69) o-Xylene	12.032	106	145235	52.931	ug/l	98
70) Styrene	12.044	104	248485	52.966	ug/l	100
71) Bromoform	12.209	173	49988	52.330	ug/l #	100
73) Isopropylbenzene	12.331	105	389216	53.007	ug/l	100
74) N-amyl acetate	12.142	43	125467	51.510	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	63279	49.779	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	59853m	55.334	ug/l	
77) Bromobenzene	12.611	156	92242	53.321	ug/l	96
78) n-propylbenzene	12.672	91	481679	53.082	ug/l	99
79) 2-Chlorotoluene	12.757	91	261801	52.114	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	329165	53.537	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	27771	52.708	ug/l	97
82) 4-Chlorotoluene	12.855	91	278514	53.206	ug/l	99
83) tert-Butylbenzene	13.074	119	289145	54.727	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	324485	52.783	ug/l	99
85) sec-Butylbenzene	13.251	105	420641	53.023	ug/l	99
86) p-Isopropyltoluene	13.367	119	364502	53.857	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	182652	52.607	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	180531	52.882	ug/l	100
89) n-Butylbenzene	13.696	91	340632	53.504	ug/l	99
90) Hexachloroethane	13.958	117	64816	53.027	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	158231	51.958	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13662	50.625	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	105385	52.420	ug/l	99
94) Hexachlorobutadiene	15.111	225	68425	53.105	ug/l	99
95) Naphthalene	15.239	128	204937	52.079	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	91343	51.883	ug/l	99

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

