

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006525.D
 Acq On : 28 Oct 2021 18:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 4:38:37 PM

Quant Time: Oct 29 07:06:04 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	148632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98227	53.705	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.400%			
35) Dibromofluoromethane	7.722	113	70318	51.948	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.900%			
50) Toluene-d8	10.179	98	292222	50.925	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.860%			
62) 4-Bromofluorobenzene	12.483	95	98142	50.773	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	69156	50.335	ug/l	99
3) Chloromethane	2.113	50	103471	55.794	ug/l	99
4) Vinyl Chloride	2.253	62	106299	51.324	ug/l	98
5) Bromomethane	2.650	94	78915	57.192	ug/l	100
6) Chloroethane	2.796	64	62949	51.470	ug/l	97
7) Trichlorofluoromethane	3.131	101	130406	49.586	ug/l	97
8) Diethyl Ether	3.534	74	48433	56.234	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	69773	52.112	ug/l	99
10) Methyl Iodide	4.100	142	51030	36.389	ug/l	99
11) Tert butyl alcohol	4.954	59	42736	257.199	ug/l	99
12) 1,1-Dichloroethene	3.881	96	71502	53.285	ug/l	96
13) Acrolein	3.729	56	21459	186.812	ug/l	99
14) Allyl chloride	4.491	41	157064	56.869	ug/l	98
15) Acrylonitrile	5.167	53	141039	290.789	ug/l	99
16) Acetone	3.948	43	122490	232.580	ug/l	98
17) Carbon Disulfide	4.198	76	241280	54.821	ug/l	100
18) Methyl Acetate	4.478	43	101595	59.489	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	248176	57.687	ug/l	98
20) Methylene Chloride	4.728	84	89954	55.461	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	83582	54.926	ug/l	96
22) Diisopropyl ether	6.125	45	337800	61.369	ug/l	97
23) Vinyl Acetate	6.064	43	1007032	300.800	ug/l	98
24) 1,1-Dichloroethane	6.027	63	167620	58.238	ug/l	100
25) 2-Butanone	6.990	43	196712	285.102	ug/l	99
26) 2,2-Dichloropropane	6.984	77	134083	48.979	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	97176	55.938	ug/l	98
28) Bromochloromethane	7.338	49	66476	56.926	ug/l	92
29) Tetrahydrofuran	7.350	42	132287	312.510	ug/l	95
30) Chloroform	7.514	83	165221	55.586	ug/l	100
31) Cyclohexane	7.789	56	156960	53.009	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	144730	52.733	ug/l	99
36) 1,1-Dichloropropene	7.923	75	123239	51.358	ug/l	99
37) Ethyl Acetate	7.082	43	87760	57.788	ug/l	99
38) Carbon Tetrachloride	7.905	117	128219	48.436	ug/l	100
39) Methylcyclohexane	9.185	83	149424	51.153	ug/l	98
40) Benzene	8.167	78	366192	53.505	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	58727m	68.150	ug/l	
42) 1,2-Dichloroethane	8.240	62	126328	51.688	ug/l	99
43) Isopropyl Acetate	8.277	43	167524	56.863	ug/l	99
44) Trichloroethene	8.941	130	94588	53.588	ug/l	98
45) 1,2-Dichloropropane	9.222	63	95351	56.246	ug/l	99
46) Dibromomethane	9.307	93	50883	54.681	ug/l	96
47) Bromodichloromethane	9.496	83	128814	53.212	ug/l	99
48) Methyl methacrylate	9.295	41	78312	57.354	ug/l	98
49) 1,4-Dioxane	9.301	88	12677	1003.457	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	454095	294.034	ug/l	99
52) Toluene	10.246	92	224771	52.344	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	137399	52.688	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	151280	53.543	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	69584	54.083	ug/l	97
56) Ethyl methacrylate	10.508	69	113463	57.083	ug/l	98
57) 1,3-Dichloropropane	10.794	76	127027	54.325	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	233215	257.198	ug/l	97
59) 2-Hexanone	10.831	43	316447	283.117	ug/l	100
60) Dibromochloromethane	10.983	129	82574	52.031	ug/l	99
61) 1,2-Dibromoethane	11.093	107	66041	54.519	ug/l	98
64) Tetrachloroethene	10.721	164	109352	54.910	ug/l	98
65) Chlorobenzene	11.514	112	228516	51.555	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	86270	51.701	ug/l	99
67) Ethyl Benzene	11.593	91	441779	52.342	ug/l	100
68) m/p-Xylenes	11.703	106	331581	104.429	ug/l	99
69) o-Xylene	12.026	106	157936	52.129	ug/l	100
70) Styrene	12.044	104	272964	52.694	ug/l	100
71) Bromoform	12.209	173	54561	51.728	ug/l #	99
73) Isopropylbenzene	12.331	105	414490	53.026	ug/l	99
74) N-amyl acetate	12.142	43	155117	59.820	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	73378	54.223	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	68244m	59.265	ug/l	
77) Bromobenzene	12.611	156	97429	52.904	ug/l	95
78) n-propylbenzene	12.672	91	511413	52.941	ug/l	100
79) 2-Chlorotoluene	12.757	91	286913	53.649	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	349424	53.386	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	30223	53.883	ug/l	96
82) 4-Chlorotoluene	12.855	91	301020	54.018	ug/l	98
83) tert-Butylbenzene	13.074	119	292434	51.993	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	346516	52.948	ug/l	99
85) sec-Butylbenzene	13.251	105	443988	52.572	ug/l	99
86) p-Isopropyltoluene	13.367	119	372075	51.642	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	189323	51.222	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	187652	51.635	ug/l	99
89) n-Butylbenzene	13.696	91	351206	51.819	ug/l	99
90) Hexachloroethane	13.958	117	69427	53.355	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	169590	52.310	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14974	52.121	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	104398	48.779	ug/l	99
94) Hexachlorobutadiene	15.111	225	66509	48.487	ug/l	99
95) Naphthalene	15.233	128	220937	52.740	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	94398	50.367	ug/l	100

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

