

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005954.D
 Acq On : 07 Sep 2021 19:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/8/2021 7:11:12 PM

Quant Time: Sep 08 02:15:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	236927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	341670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	319032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107781	45.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.280%
35) Dibromofluoromethane	7.722	113	97880	51.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.020%
50) Toluene-d8	10.185	98	400679	49.756	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.483	95	135749	50.203	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	103664	49.002	ug/l	100
3) Chloromethane	2.119	50	108707	48.517	ug/l	100
4) Vinyl Chloride	2.260	62	141449	48.569	ug/l	100
5) Bromomethane	2.656	94	119372	60.752	ug/l	96
6) Chloroethane	2.802	64	89817	51.576	ug/l	99
7) Trichlorofluoromethane	3.131	101	204890	55.077	ug/l	96
8) Diethyl Ether	3.534	74	71450	56.423	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	120210	60.011	ug/l	98
10) Methyl Iodide	4.101	142	106535	42.320	ug/l	97
11) Tert butyl alcohol	4.960	59	59647	127.044	ug/l #	95
12) 1,1-Dichloroethene	3.881	96	120948	59.469	ug/l	94
13) Acrolein	3.735	56	21224	283.441	ug/l	94
14) Allyl chloride	4.491	41	190559	55.712	ug/l	95
15) Acrylonitrile	5.174	53	145454	227.126	ug/l	99
16) Acetone	3.954	43	123169	202.317	ug/l	91
17) Carbon Disulfide	4.204	76	370144	56.979	ug/l	99
18) Methyl Acetate	4.485	43	84718	50.122	ug/l	97
19) Methyl tert-butyl Ether	5.229	73	305679	50.064	ug/l	99
20) Methylene Chloride	4.723	84	152699	67.546	ug/l	95
21) trans-1,2-Dichloroethene	5.235	96	119036	52.455	ug/l	94
22) Diisopropyl ether	6.131	45	349271	50.258	ug/l	98
23) Vinyl Acetate	6.070	43	994821	235.887	ug/l	99
24) 1,1-Dichloroethane	6.027	63	203364	51.300	ug/l	98
25) 2-Butanone	6.996	43	176191	204.862	ug/l	95
26) 2,2-Dichloropropane	6.984	77	171661	46.283	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	137032	53.740	ug/l	94
28) Bromochloromethane	7.344	49	80392	49.193	ug/l	92
29) Tetrahydrofuran	7.350	42	119718	214.834	ug/l	96
30) Chloroform	7.515	83	215198	52.900	ug/l	98
31) Cyclohexane	7.789	56	186528	46.319	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	194602	51.378	ug/l	97
36) 1,1-Dichloropropene	7.923	75	163251	50.748	ug/l	98
37) Ethyl Acetate	7.082	43	81639	42.376	ug/l	97
38) Carbon Tetrachloride	7.905	117	181037	51.920	ug/l	98
39) Methylcyclohexane	9.185	83	205689	50.482	ug/l	99
40) Benzene	8.167	78	477030	52.487	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	48936m	45.614	ug/l	
42) 1,2-Dichloroethane	8.246	62	141551	47.948	ug/l	98
43) Isopropyl Acetate	8.277	43	158433	45.276	ug/l	97
44) Trichloroethene	8.941	130	138067	54.170	ug/l	98
45) 1,2-Dichloropropane	9.222	63	116135	52.078	ug/l	99
46) Dibromomethane	9.313	93	66482	51.804	ug/l	97
47) Bromodichloromethane	9.502	83	165501	53.065	ug/l	98
48) Methyl methacrylate	9.295	41	71792	44.638	ug/l	94
49) 1,4-Dioxane	9.301	88	17359	982.164	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	413978	219.569	ug/l	98
52) Toluene	10.246	92	312135	53.289	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	174876	50.568	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	196745	51.852	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	96900	52.716	ug/l	98
56) Ethyl methacrylate	10.514	69	133650	50.232	ug/l	93
57) 1,3-Dichloropropane	10.795	76	164888	51.741	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	332400	242.036	ug/l	98
59) 2-Hexanone	10.837	43	285139	216.474	ug/l	97
60) Dibromochloromethane	10.990	129	123176	54.581	ug/l	100
61) 1,2-Dibromoethane	11.093	107	92653	52.915	ug/l	100
64) Tetrachloroethene	10.721	164	139250	53.308	ug/l	99
65) Chlorobenzene	11.520	112	341309	53.319	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	130586	54.493	ug/l	99
67) Ethyl Benzene	11.593	91	608899	53.210	ug/l	100
68) m/p-Xylenes	11.703	106	476893	105.683	ug/l	100
69) o-Xylene	12.032	106	229752	54.231	ug/l	98
70) Styrene	12.044	104	387205	53.582	ug/l	99
71) Bromoform	12.209	173	83867	53.083	ug/l #	99
73) Isopropylbenzene	12.331	105	596943	54.112	ug/l	100
74) N-amyl acetate	12.142	43	143284	45.271	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	105286	50.151	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	84794m	54.738	ug/l	
77) Bromobenzene	12.611	156	153384	55.202	ug/l	95
78) n-propylbenzene	12.672	91	709753	53.834	ug/l	99
79) 2-Chlorotoluene	12.758	91	402369	54.822	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	502782	54.399	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	38331	47.058	ug/l	95
82) 4-Chlorotoluene	12.855	91	421636	54.755	ug/l	98
83) tert-Butylbenzene	13.075	119	442004	54.713	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	498069	54.327	ug/l	99
85) sec-Butylbenzene	13.251	105	640933	53.830	ug/l	100
86) p-Isopropyltoluene	13.367	119	553744	53.672	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	294468	54.466	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	288944	53.504	ug/l	99
89) n-Butylbenzene	13.697	91	491789	53.276	ug/l	100
90) Hexachloroethane	13.959	117	102601	54.798	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	259181	54.065	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18060	45.867	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	170364	52.648	ug/l	100
94) Hexachlorobutadiene	15.111	225	112406	53.925	ug/l	99
95) Naphthalene	15.233	128	310238	49.903	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	147022	52.041	ug/l	99

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

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