

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004273.D
 Acq On : 02 Apr 2021 19:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/5/2021 4:47:15 PM

Quant Time: Apr 02 23:04:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	230318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	384032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	336552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	107872	48.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.44%		
35) Dibromofluoromethane	7.728	113	93694	43.79	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.58%		
50) Toluene-d8	10.185	98	353131	43.88	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.76%		
62) 4-Bromofluorobenzene	12.489	95	121843	44.17	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.34%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	88634	44.44	ug/l	98
3) Chloromethane	2.119	50	134355	49.90	ug/l	100
4) Vinyl Chloride	2.259	62	156521	52.16	ug/l	97
5) Bromomethane	2.661	94	69399	42.04	ug/l	100
6) Chloroethane	2.802	64	86125	44.27	ug/l	98
7) Trichlorofluoromethane	3.137	101	181568	46.56	ug/l	98
8) Diethyl Ether	3.539	74	65056	51.99	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.911	101	100795	47.47	ug/l	99
10) Methyl Iodide	4.106	142	112576	45.88	ug/l	99
11) Tert butyl alcohol	4.978	59	55793	309.67	ug/l	98
12) 1,1-Dichloroethene	3.887	96	100264	48.13	ug/l	95
13) Acrolein	3.747	56	36220	249.76	ug/l	97
14) Allyl chloride	4.497	41	189935	57.22	ug/l	95
15) Acrylonitrile	5.179	53	172264	289.23	ug/l	99
16) Acetone	3.966	43	133041	288.42	ug/l	99
17) Carbon Disulfide	4.210	76	288354	52.64	ug/l	99
18) Methyl Acetate	4.497	43	90454	61.27	ug/l	98
19) Methyl tert-butyl Ether	5.240	73	326045	52.98	ug/l	96
20) Methylene Chloride	4.740	84	118199	52.41	ug/l	98
21) trans-1,2-Dichloroethene	5.240	96	116828	49.95	ug/l	91
22) Diisopropyl ether	6.136	45	422581	57.97	ug/l	96
23) Vinyl Acetate	6.075	43	1386218	282.68	ug/l	97
24) 1,1-Dichloroethane	6.033	63	213013	53.63	ug/l	99
25) 2-Butanone	7.002	43	230509	299.13	ug/l	97
26) 2,2-Dichloropropane	6.996	77	181328	48.78	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	132581	50.06	ug/l	95
28) Bromochloromethane	7.350	49	92305	57.17	ug/l	93
29) Tetrahydrofuran	7.362	42	158089	291.19	ug/l	94
30) Chloroform	7.520	83	217040	51.36	ug/l	100
31) Cyclohexane	7.795	56	195198	49.89	ug/l	96
32) 1,1,1-Trichloroethane	7.715	97	191069	49.42	ug/l	98
36) 1,1-Dichloropropene	7.929	75	162884	46.46	ug/l	98
37) Ethyl Acetate	7.088	43	106501	51.78	ug/l	99
38) Carbon Tetrachloride	7.911	117	149640	49.09	ug/l	99
39) Methylcyclohexane	9.191	83	201608	46.45	ug/l	98
40) Benzene	8.173	78	487235	49.03	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	60511m	53.10	ug/l	
42) 1,2-Dichloroethane	8.246	62	152245	48.75	ug/l	100
43) Isopropyl Acetate	8.282	43	210068	53.95	ug/l	98
44) Trichloroethene	8.947	130	131782	41.65	ug/l	94
45) 1,2-Dichloropropane	9.227	63	125941	51.28	ug/l	98
46) Dibromomethane	9.313	93	68337	47.32	ug/l	97
47) Bromodichloromethane	9.508	83	168234	48.83	ug/l	96
48) Methyl methacrylate	9.301	41	97373	55.06	ug/l	97
49) 1,4-Dioxane	9.313	88	18056	1161.98	ug/l #	83
51) 4-Methyl-2-Pentanone	10.081	43	539371	271.87	ug/l	98
52) Toluene	10.252	92	307411	48.12	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	180457	49.12	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	202569	49.35	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	93380	47.20	ug/l	97
56) Ethyl methacrylate	10.514	69	140649	51.82	ug/l	96
57) 1,3-Dichloropropane	10.794	76	169797	49.74	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	260724	224.51	ug/l	95
59) 2-Hexanone	10.837	43	365134	267.71	ug/l	97
60) Dibromochloromethane	10.989	129	113210	47.73	ug/l	100
61) 1,2-Dibromoethane	11.093	107	91069	46.64	ug/l	99
64) Tetrachloroethene	10.727	164	125989	38.04	ug/l	97
65) Chlorobenzene	11.520	112	310883	46.32	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	112671	46.86	ug/l	98
67) Ethyl Benzene	11.599	91	586897	48.15	ug/l	99
68) m/p-Xylenes	11.709	106	439237	93.85	ug/l	97
69) o-Xylene	12.032	106	205311	46.89	ug/l	97
70) Styrene	12.050	104	340909	46.79	ug/l	99
71) Bromoform	12.215	173	66112	48.29	ug/l #	99
73) Isopropylbenzene	12.337	105	547160	49.41	ug/l	98
74) N-amyl acetate	12.148	43	181391	56.05	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	104857	51.16	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	82365m	59.84	ug/l	
77) Bromobenzene	12.617	156	123448	47.61	ug/l	92
78) n-propylbenzene	12.678	91	635452	49.60	ug/l	98
79) 2-Chlorotoluene	12.763	91	355290	50.48	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	448462	49.64	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.385	75	40879	54.74	ug/l	93
82) 4-Chlorotoluene	12.861	91	369960	49.94	ug/l	97
83) tert-Butylbenzene	13.080	119	378889	48.54	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	447485	49.39	ug/l	99
85) sec-Butylbenzene	13.257	105	520359	48.42	ug/l	98
86) p-Isopropyltoluene	13.373	119	464193	46.44	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	221071	45.70	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	221875	46.43	ug/l	99
89) n-Butylbenzene	13.702	91	427269	46.48	ug/l	99
90) Hexachloroethane	13.964	117	64219	69.11	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	200326	46.14	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17953	46.94	ug/l	90
93) 1,2,4-Trichlorobenzene	15.013	180	125971	40.82	ug/l	100
94) Hexachlorobutadiene	15.117	225	65641	40.00	ug/l	99
95) Naphthalene	15.238	128	366954	56.06	ug/l	100
96) 1,2,3-Trichlorobenzene	15.427	180	110900	39.33	ug/l	100

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

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