

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032921\
 Data File : VY004217.D
 Acq On : 29 Mar 2021 17:54
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:22:52 PM

Quant Time: Mar 30 06:15:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:12:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	199035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	274856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130712	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93548	48.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.54%		
35) Dibromofluoromethane	7.728	113	84168	48.95	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.90%		
50) Toluene-d8	10.185	98	310396	46.32	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.64%		
62) 4-Bromofluorobenzene	12.483	95	107709	44.06	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.12%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	85682	51.41	ug/l	100
3) Chloromethane	2.119	50	116689	52.59	ug/l	100
4) Vinyl Chloride	2.253	62	127847	51.88	ug/l	100
5) Bromomethane	2.656	94	68795	44.79	ug/l	100
6) Chloroethane	2.802	64	82164	54.49	ug/l	100
7) Trichlorofluoromethane	3.131	101	167364	51.47	ug/l	100
8) Diethyl Ether	3.534	74	53887	52.07	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	89795	49.75	ug/l	100
10) Methyl Iodide	4.101	142	106508	56.80	ug/l	100
11) Tert butyl alcohol	4.979	59	41020	236.13	ug/l	100
12) 1,1-Dichloroethene	3.881	96	89756	50.60	ug/l	100
13) Acrolein	3.735	56	30497	187.57	ug/l	100
14) Allyl chloride	4.491	41	143992	49.60	ug/l	100
15) Acrylonitrile	5.180	53	133019	260.51	ug/l	100
16) Acetone	3.954	43	97821	215.62	ug/l	100
17) Carbon Disulfide	4.204	76	244664	47.36	ug/l	100
18) Methyl Acetate	4.491	43	65437	55.08	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	269479	53.53	ug/l	100
20) Methylene Chloride	4.735	84	98109	42.72	ug/l	100
21) trans-1,2-Dichloroethene	5.235	96	102671	51.52	ug/l	100
22) Diisopropyl ether	6.131	45	311758	50.76	ug/l	100
23) Vinyl Acetate	6.076	43	1080780	266.11	ug/l	100
24) 1,1-Dichloroethane	6.033	63	172030	50.41	ug/l	100
25) 2-Butanone	6.997	43	175492	258.43	ug/l	100
26) 2,2-Dichloropropane	6.990	77	159566	49.18	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	114274	50.59	ug/l	100
28) Bromochloromethane	7.344	49	65157	44.72	ug/l	100
29) Tetrahydrofuran	7.356	42	121129	270.73	ug/l	100
30) Chloroform	7.521	83	181541	51.22	ug/l	100
31) Cyclohexane	7.789	56	160016	46.31	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	166622	50.76	ug/l	100
36) 1,1-Dichloropropene	7.929	75	141128	51.53	ug/l	100
37) Ethyl Acetate	7.088	43	83339	56.28	ug/l	100
38) Carbon Tetrachloride	7.911	117	127857	45.18	ug/l	100
39) Methylcyclohexane	9.185	83	175925	49.96	ug/l	100
40) Benzene	8.167	78	399549	51.80	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	44632m	49.44	ug/l	
42) 1,2-Dichloroethane	8.246	62	127091	53.75	ug/l	100
43) Isopropyl Acetate	8.283	43	162120	54.84	ug/l	100
44) Trichloroethene	8.947	130	125678	55.44	ug/l	100
45) 1,2-Dichloropropane	9.222	63	99034	51.61	ug/l	100
46) Dibromomethane	9.313	93	59215	53.68	ug/l	100
47) Bromodichloromethane	9.502	83	141300	51.68	ug/l	100
48) Methyl methacrylate	9.295	41	74962	53.62	ug/l	100
49) 1,4-Dioxane	9.301	88	13628	991.79	ug/l	100
51) 4-Methyl-2-Pentanone	10.075	43	416960	279.16	ug/l	100
52) Toluene	10.246	92	259224	51.89	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	151172	52.42	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	168541	52.11	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	80269	52.20	ug/l	100
56) Ethyl methacrylate	10.514	69	113514	52.94	ug/l	100
57) 1,3-Dichloropropane	10.795	76	139315	52.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	210089	221.21	ug/l	100
59) 2-Hexanone	10.837	43	288035	275.90	ug/l	100
60) Dibromochloromethane	10.990	129	98374	51.24	ug/l	100
61) 1,2-Dibromoethane	11.093	107	79869	53.07	ug/l	100
64) Tetrachloroethene	10.721	164	131956	55.65	ug/l	100
65) Chlorobenzene	11.520	112	273162	51.45	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	98330	49.88	ug/l	100
67) Ethyl Benzene	11.593	91	497387	50.95	ug/l	100
68) m/p-Xylenes	11.703	106	382019	102.58	ug/l	100
69) o-Xylene	12.032	106	178122	50.78	ug/l	100
70) Styrene	12.044	104	299023	49.97	ug/l	100
71) Bromoform	12.209	173	58056	49.67	ug/l #	100
73) Isopropylbenzene	12.331	105	479278	52.08	ug/l	100
74) N-amyl acetate	12.148	43	145406	55.26	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	90868	56.58	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	61669m	49.42	ug/l	
77) Bromobenzene	12.611	156	112713	52.95	ug/l	100
78) n-propylbenzene	12.672	91	555634	51.38	ug/l	100
79) 2-Chlorotoluene	12.758	91	306818	50.69	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	393650	50.73	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	32627	51.43	ug/l	100
82) 4-Chlorotoluene	12.855	91	318787	49.86	ug/l	100
83) tert-Butylbenzene	13.075	119	334130	50.18	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	392494	50.58	ug/l	100
85) sec-Butylbenzene	13.258	105	464874	50.57	ug/l	100
86) p-Isopropyltoluene	13.373	119	435135	50.98	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	209427	51.31	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	208243	51.07	ug/l	100
89) n-Butylbenzene	13.697	91	403053	49.85	ug/l	100
90) Hexachloroethane	13.965	117	32901	23.85	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	189107	52.17	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15959	53.13	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	134563	54.30	ug/l	100
94) Hexachlorobutadiene	15.111	225	72056	52.27	ug/l	100
95) Naphthalene	15.239	128	289347	58.35	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	119416	56.84	ug/l	100

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

