

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069015.D
 Acq On : 29 Apr 2021 13:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/30/2021 11:02:40 AM

Quant Time: Apr 30 02:55:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	265497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	412771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	390332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	198871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	134087	47.79	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.58%		
35) Dibromofluoromethane	7.914	113	151390	56.39	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	112.78%		
50) Toluene-d8	10.338	98	562355	55.52	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	111.04%		
62) 4-Bromofluorobenzene	12.626	95	189447	56.32	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	112.64%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	115603	43.94	ug/l	96
3) Chloromethane	2.209	50	127391	41.19	ug/l	99
4) Vinyl Chloride	2.350	62	193927	49.91	ug/l	98
5) Bromomethane	2.756	94	144446	49.73	ug/l	96
6) Chloroethane	2.921	64	130514	51.12	ug/l	99
7) Trichlorofluoromethane	3.268	101	254091	55.58	ug/l	92
8) Diethyl Ether	3.709	74	61573	49.87	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	145914	52.88	ug/l	97
10) Methyl Iodide	4.303	142	150687	46.82	ug/l	99
11) Tert butyl alcohol	5.226	59	40010	271.14	ug/l #	73
12) 1,1-Dichloroethene	4.068	96	134464	50.60	ug/l	96
13) Acrolein	3.920	56	22928	207.61	ug/l	92
14) Allyl chloride	4.709	41	132880	44.37	ug/l	93
15) Acrylonitrile	5.420	53	129683	234.04	ug/l	100
16) Acetone	4.156	43	100727	259.23	ug/l	98
17) Carbon Disulfide	4.409	76	378471	44.00	ug/l	99
18) Methyl Acetate	4.715	43	51513	48.26	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	294119	49.88	ug/l	96
20) Methylene Chloride	4.962	84	173568	55.70	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	159181	46.65	ug/l	99
22) Diisopropyl ether	6.356	45	318803	43.93	ug/l	93
23) Vinyl Acetate	6.303	43	883464	229.72	ug/l	95
24) 1,1-Dichloroethane	6.267	63	249533	45.61	ug/l	95
25) 2-Butanone	7.209	43	136231	247.77	ug/l	98
26) 2,2-Dichloropropane	7.209	77	239517	53.59	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	183132	53.99	ug/l	95
28) Bromochloromethane	7.544	49	86580	43.84	ug/l	87
29) Tetrahydrofuran	7.561	42	84740	229.17	ug/l	93
30) Chloroform	7.709	83	289508	48.34	ug/l	95
31) Cyclohexane	7.985	56	199251	42.68	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	264308	50.51	ug/l	98
36) 1,1-Dichloropropene	8.108	75	217668	52.10	ug/l	98
37) Ethyl Acetate	7.291	43	63693	51.90	ug/l	97
38) Carbon Tetrachloride	8.097	117	237488	57.41	ug/l	99
39) Methylcyclohexane	9.355	83	259136	53.18	ug/l	96
40) Benzene	8.350	78	626324	51.23	ug/l	95

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41) Methacrylonitrile	7.520	41	36197	49.82	ug/l	88
42) 1,2-Dichloroethane	8.426	62	165754	51.29	ug/l	99
43) Isopropyl Acetate	8.450	43	123297	49.29	ug/l	96
44) Trichloroethene	9.108	130	185658	54.98	ug/l	91
45) 1,2-Dichloropropane	9.385	63	145428	49.80	ug/l	97
46) Dibromomethane	9.473	93	88397	54.34	ug/l	94
47) Bromodichloromethane	9.661	83	225242	53.00	ug/l	95
48) Methyl methacrylate	9.450	41	64005	51.92	ug/l	93
49) 1,4-Dioxane	9.461	88	19860	1153.10	ug/l	88
51) 4-Methyl-2-Pentanone	10.226	43	325613	258.23	ug/l	100
52) Toluene	10.402	92	423904	54.76	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	203419	54.00	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	239507	53.15	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	125273	54.46	ug/l	97
56) Ethyl methacrylate	10.661	69	129452	54.67	ug/l	96
57) 1,3-Dichloropropane	10.944	76	200237	52.87	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	313856	249.05	ug/l	96
59) 2-Hexanone	10.985	43	226417	268.35	ug/l	97
60) Dibromochloromethane	11.138	129	163356	56.64	ug/l	100
61) 1,2-Dibromoethane	11.244	107	119995	53.68	ug/l	98
64) Tetrachloroethene	10.873	164	156433	57.17	ug/l	98
65) Chlorobenzene	11.667	112	464585	54.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	175756	57.85	ug/l	99
67) Ethyl Benzene	11.744	91	815808	55.76	ug/l	99
68) m/p-Xylenes	11.849	106	642327	113.77	ug/l	96
69) o-Xylene	12.179	106	291842	56.85	ug/l	96
70) Styrene	12.191	104	502796	56.20	ug/l	99
71) Bromoform	12.355	173	94472	58.05	ug/l #	99
73) Isopropylbenzene	12.473	105	798806	55.01	ug/l	99
74) N-amyl acetate	12.285	43	118433	48.09	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.726	83	138354	50.98	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	84988m	46.78	ug/l	
77) Bromobenzene	12.755	156	191796	54.94	ug/l	93
78) n-propylbenzene	12.814	91	956607	54.24	ug/l	99
79) 2-Chlorotoluene	12.902	91	517414	52.52	ug/l	96
80) 1,3,5-Trimethylbenzene	12.955	105	676339	55.71	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	42126	53.81	ug/l	99
82) 4-Chlorotoluene	13.002	91	546193	52.30	ug/l	97
83) tert-Butylbenzene	13.220	119	573940	55.72	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	677108	55.22	ug/l	99
85) sec-Butylbenzene	13.396	105	809309	55.68	ug/l	99
86) p-Isopropyltoluene	13.508	119	746715	56.24	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	376111	54.38	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	366111	53.49	ug/l	99
89) n-Butylbenzene	13.838	91	684301	54.72	ug/l	99
90) Hexachloroethane	14.108	117	144262	54.55	ug/l	95
91) 1,2-Dichlorobenzene	13.885	146	321259	53.68	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	20355	49.34	ug/l	94
93) 1,2,4-Trichlorobenzene	15.155	180	214138	57.82	ug/l	96
94) Hexachlorobutadiene	15.261	225	128794	60.75	ug/l	98
95) Naphthalene	15.396	128	364073	56.44	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	182141	56.23	ug/l	98

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

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