Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060121\
Data File : VD069285.D
Acq On : 01 Jun 2021 16:04
Operator : VA/SY
Sample : VD0601SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0601SBSD01

Manual Integrations APPROVED
MMDadoda
6/2/2021 6:47:03 PM

Quant Time: Jun 02 02:34:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 02 02:17:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	441168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	729214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	683815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	331709	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	191102	45.14	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.28%			
35) Dibromofluoromethane	7.914	113	204918	44.75	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.50%			
50) Toluene-d8	10.338	98	757560	45.49	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.98%			
62) 4-Bromofluorobenzene	12.626	95	257358	47.17	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.34%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	89438	19.26	ug/l	98
3) Chloromethane	2.209	50	67967	19.39	ug/l	99
4) Vinyl Chloride	2.350	62	65524	18.35	ug/l	96
5) Bromomethane	2.750	94	53117	20.39	ug/l	97
6) Chloroethane	2.915	64	37913	18.60	ug/l	96
7) Trichlorofluoromethane	3.267	101	161149	19.40	ug/l	96
8) Diethyl Ether	3.703	74	43210	21.17	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	97503	19.93	ug/l	98
10) Methyl Iodide	4.297	142	77672	17.28	ug/l	98
11) Tert butyl alcohol	5.203	59	37264	131.15	ug/l #	73
12) 1,1-Dichloroethene	4.067	96	86923	19.64	ug/l	98
13) Acrolein	3.920	56	23652	95.10	ug/l	98
14) Allyl chloride	4.720	41	102115	19.13	ug/l	99
15) Acrylonitrile	5.420	53	79316	99.69	ug/l	98
16) Acetone	4.162	43	73944	100.10	ug/l	97
17) Carbon Disulfide	4.409	76	277509	18.97	ug/l	99
18) Methyl Acetate	4.726	43	39744	19.88	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	163795	20.16	ug/l	94
20) Methylene Chloride	4.967	84	147933	23.83	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	100565	19.19	ug/l	92
22) Diisopropyl ether	6.367	45	213511	20.82	ug/l	94
23) Vinyl Acetate	6.303	43	586878	97.03	ug/l	99
24) 1,1-Dichloroethane	6.267	63	171333	19.97	ug/l	97
25) 2-Butanone	7.214	43	96863	99.65	ug/l	97
26) 2,2-Dichloropropane	7.208	77	153036	19.36	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	111928	20.16	ug/l	98
28) Bromochloromethane	7.544	49	60031	20.18	ug/l	96
29) Tetrahydrofuran	7.567	42	57823	103.50	ug/l	98
30) Chloroform	7.708	83	185659	19.79	ug/l	96
31) Cyclohexane	7.991	56	131049	19.48	ug/l	93
32) 1,1,1-Trichloroethane	7.908	97	162715	19.22	ug/l	99
36) 1,1-Dichloropropene	8.114	75	137553	19.41	ug/l	100
37) Ethyl Acetate	7.291	43	47981	19.94	ug/l	97
38) Carbon Tetrachloride	8.097	117	146797	19.18	ug/l	99
39) Methylcyclohexane	9.355	83	140835	19.42	ug/l	97
40) Benzene	8.350	78	397755	19.32	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.514	41	21346	18.27	ug/l		99
42) 1,2-Dichloroethane	8.426	62	107118	19.50	ug/l		100
43) Isopropyl Acetate	8.450	43	86859	19.83	ug/l		99
44) Trichloroethene	9.114	130	108990	19.49	ug/l		95
45) 1,2-Dichloropropane	9.385	63	96269	19.64	ug/l		99
46) Dibromomethane	9.473	93	54258	19.37	ug/l		96
47) Bromodichloromethane	9.661	83	142017	19.66	ug/l		99
48) Methyl methacrylate	9.455	41	39173	19.26	ug/l		87
49) 1,4-Dioxane	9.461	88	11389	413.87	ug/l		87
51) 4-Methyl-2-Pentanone	10.226	43	230128	101.72	ug/l		99
52) Toluene	10.402	92	255690	19.68	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	127319	19.73	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	147342	19.16	ug/l		98
55) 1,1,2-Trichloroethane	10.796	97	80298	20.66	ug/l		95
56) Ethyl methacrylate	10.661	69	80466	19.84	ug/l		97
57) 1,3-Dichloropropane	10.944	76	124312	19.73	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	202598	111.34	ug/l		99
59) 2-Hexanone	10.985	43	153193	101.30	ug/l		98
60) Dibromochloromethane	11.138	129	93933	19.18	ug/l		98
61) 1,2-Dibromoethane	11.244	107	74459	20.09	ug/l		96
64) Tetrachloroethene	10.879	164	90711	19.06	ug/l		95
65) Chlorobenzene	11.667	112	273514	19.57	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.738	131	104067	19.88	ug/l		99
67) Ethyl Benzene	11.743	91	468896	19.53	ug/l		96
68) m/p-Xylenes	11.849	106	368617	39.18	ug/l		100
69) o-Xylene	12.179	106	162600	19.54	ug/l		97
70) Styrene	12.191	104	293466	20.32	ug/l		98
71) Bromoform	12.355	173	54412	20.04	ug/l	#	96
73) Isopropylbenzene	12.479	105	453286	19.97	ug/l		99
74) N-amyl acetate	12.285	43	82124	20.48	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.726	83	84410	19.92	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	53730m	18.64	ug/l		
77) Bromobenzene	12.755	156	107361	19.64	ug/l		99
78) n-propylbenzene	12.814	91	549545	19.74	ug/l		99
79) 2-Chlorotoluene	12.902	91	318228	20.11	ug/l		99
80) 1,3,5-Trimethylbenzene	12.955	105	388847	20.22	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	24893	19.14	ug/l		93
82) 4-Chlorotoluene	13.002	91	335962	20.18	ug/l		98
83) tert-Butylbenzene	13.220	119	323096	20.07	ug/l		99
84) 1,2,4-Trimethylbenzene	13.261	105	384527	20.11	ug/l		99
85) sec-Butylbenzene	13.396	105	471736	19.85	ug/l		100
86) p-Isopropyltoluene	13.508	119	410019	19.73	ug/l		100
87) 1,3-Dichlorobenzene	13.508	146	215909	19.51	ug/l		99
88) 1,4-Dichlorobenzene	13.590	146	218374	19.80	ug/l		99
89) n-Butylbenzene	13.838	91	384749	19.79	ug/l		99
90) Hexachloroethane	14.108	117	75389	19.10	ug/l		97
91) 1,2-Dichlorobenzene	13.885	146	188360	19.76	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	12650	18.74	ug/l		97
93) 1,2,4-Trichlorobenzene	15.155	180	114736	20.06	ug/l		98
94) Hexachlorobutadiene	15.261	225	69007	19.21	ug/l		99
95) Naphthalene	15.390	128	194855	19.38	ug/l		100
96) 1,2,3-Trichlorobenzene	15.584	180	100149	19.89	ug/l		99

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

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

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