Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031521\
Data File : VD068618.D
Acq On : 15 Mar 2021 13:38
Operator : VA/SY
Sample : VD0315SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

Manual Integrations APPROVED
MMDadoda
3/16/2021 10:11:03 AM

Quant Time: Mar 15 14:40:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	258016	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	443473	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	404829	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	218862	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	119173	46.23	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.46%				
35) Dibromofluoromethane	7.914	113	127226	47.62	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.24%				
50) Toluene-d8	10.337	98	495205	46.54	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.08%				
62) 4-Bromofluorobenzene	12.631	95	166654	48.60	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	51482	20.56	ug/l		97
3) Chloromethane	2.214	50	62243	19.67	ug/l		99
4) Vinyl Chloride	2.350	62	77392	20.60	ug/l		99
5) Bromomethane	2.756	94	57014	21.31	ug/l		91
6) Chloroethane	2.920	64	49969	20.57	ug/l		95
7) Trichlorofluoromethane	3.273	101	94286	22.00	ug/l		94
8) Diethyl Ether	3.714	74	25344	19.86	ug/l		99
9) 1,1,2-Trichlorotrifluo...	4.097	101	59249	22.69	ug/l		94
10) Methyl Iodide	4.308	142	53223	18.77	ug/l		97
11) Tert butyl alcohol	5.214	59	15578	113.18	ug/l	#	92
12) 1,1-Dichloroethene	4.073	96	53319	20.58	ug/l		96
13) Acrolein	3.926	56	16526	84.01	ug/l		98
14) Allyl chloride	4.714	41	66898	20.00	ug/l		97
15) Acrylonitrile	5.420	53	57999	107.68	ug/l		97
16) Acetone	4.161	43	49408	120.66	ug/l		97
17) Carbon Disulfide	4.408	76	168186	19.81	ug/l		99
18) Methyl Acetate	4.720	43	22538	21.35	ug/l	#	73
19) Methyl tert-butyl Ether	5.479	73	117053	20.84	ug/l	#	88
20) Methylene Chloride	4.973	84	76732	22.79	ug/l		95
21) trans-1,2-Dichloroethene	5.473	96	64262	20.77	ug/l		95
22) Diisopropyl ether	6.367	45	148050	20.10	ug/l		94
23) Vinyl Acetate	6.308	43	389002	101.77	ug/l		99
24) 1,1-Dichloroethane	6.273	63	104194	20.63	ug/l		98
25) 2-Butanone	7.208	43	62200	105.67	ug/l		98
26) 2,2-Dichloropropane	7.208	77	90370	21.48	ug/l		97
27) cis-1,2-Dichloroethene	7.208	96	68826	20.26	ug/l		98
28) Bromochloromethane	7.549	49	39218	19.90	ug/l	#	80
29) Tetrahydrofuran	7.567	42	41467	108.49	ug/l		93
30) Chloroform	7.708	83	111999	21.00	ug/l		99
31) Cyclohexane	7.985	56	91836	19.59	ug/l		96
32) 1,1,1-Trichloroethane	7.902	97	98968	21.74	ug/l		96
36) 1,1-Dichloropropene	8.114	75	86017	20.41	ug/l		96
37) Ethyl Acetate	7.291	43	29054	20.77	ug/l		94
38) Carbon Tetrachloride	8.096	117	87154	22.00	ug/l		94
39) Methylcyclohexane	9.355	83	102586	19.73	ug/l		91
40) Benzene	8.349	78	245547	20.31	ug/l		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	13950	17.18	ug/l	#	77
42) 1,2-Dichloroethane	8.426	62	66173	20.81	ug/l		99
43) Isopropyl Acetate	8.449	43	55728	21.68	ug/l		98
44) Trichloroethene	9.114	130	67983	20.48	ug/l		87
45) 1,2-Dichloropropane	9.390	63	60306	20.86	ug/l		92
46) Dibromomethane	9.479	93	33238	21.14	ug/l		94
47) Bromodichloromethane	9.667	83	85013	20.90	ug/l		99
48) Methyl methacrylate	9.455	41	28533	20.82	ug/l		94
49) 1,4-Dioxane	9.461	88	7533	420.03	ug/l		91
51) 4-Methyl-2-Pentanone	10.232	43	143164	106.43	ug/l		98
52) Toluene	10.402	92	158147	20.48	ug/l		95
53) t-1,3-Dichloropropene	10.620	75	79538	21.16	ug/l		95
54) cis-1,3-Dichloropropene	10.090	75	93552	20.39	ug/l		97
55) 1,1,2-Trichloroethane	10.796	97	47602	21.87	ug/l		96
56) Ethyl methacrylate	10.661	69	50371	20.14	ug/l		98
57) 1,3-Dichloropropane	10.949	76	78888	20.77	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.943	63	118905	94.75	ug/l		95
59) 2-Hexanone	10.984	43	102858	114.72	ug/l		98
60) Dibromochloromethane	11.137	129	57315	21.27	ug/l		97
61) 1,2-Dibromoethane	11.243	107	44540	20.91	ug/l		100
64) Tetrachloroethene	10.879	164	57853	21.88	ug/l		95
65) Chlorobenzene	11.673	112	170322	20.66	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.743	131	59268	20.68	ug/l		96
67) Ethyl Benzene	11.743	91	297815	20.24	ug/l		99
68) m/p-Xylenes	11.849	106	232494	41.60	ug/l		100
69) o-Xylene	12.179	106	106246	20.64	ug/l		99
70) Styrene	12.196	104	185065	21.02	ug/l		98
71) Bromoform	12.361	173	33815	23.23	ug/l	#	93
73) Isopropylbenzene	12.479	105	300745	18.53	ug/l		99
74) N-amyl acetate	12.284	43	51337	18.56	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.731	83	54388	19.48	ug/l		99
76) 1,2,3-Trichloropropane	12.778	75	38687m	19.91	ug/l		
77) Bromobenzene	12.761	156	69701	18.82	ug/l		92
78) n-propylbenzene	12.820	91	374575	19.31	ug/l		97
79) 2-Chlorotoluene	12.908	91	208515	19.37	ug/l		99
80) 1,3,5-Trimethylbenzene	12.955	105	266739	20.05	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	16626	19.97	ug/l		97
82) 4-Chlorotoluene	13.002	91	224814	19.85	ug/l		98
83) tert-Butylbenzene	13.220	119	222220	19.62	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	255474	19.17	ug/l		96
85) sec-Butylbenzene	13.396	105	311971	19.50	ug/l		99
86) p-Isopropyltoluene	13.514	119	297690	20.49	ug/l		100
87) 1,3-Dichlorobenzene	13.514	146	148995	20.82	ug/l		100
88) 1,4-Dichlorobenzene	13.590	146	148438	20.94	ug/l		98
89) n-Butylbenzene	13.837	91	293729	20.96	ug/l		97
90) Hexachloroethane	14.108	117	59818	20.72	ug/l		90
91) 1,2-Dichlorobenzene	13.884	146	133404	21.74	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9535	19.37	ug/l		81
93) 1,2,4-Trichlorobenzene	15.161	180	92231	19.46	ug/l		99
94) Hexachlorobutadiene	15.261	225	50984	19.38	ug/l		99
95) Naphthalene	15.396	128	161707	18.84	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	77593	18.91	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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