Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
Data File : VD068026.D
Acq On : 07 Jan 2021 11:35
Operator : VA/SY
Sample : VD0107SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBSD01

Manual Integrations APPROVED
MMDadoda
1/8/2021 2:32:01 PM

Quant Time: Jan 08 00:13:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.985	168	260637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	442192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	407036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	196009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144349	51.29	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.58%			
35) Dibromofluoromethane	7.920	113	148739	53.38	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.76%			
50) Toluene-d8	10.343	98	529792	50.59	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.18%			
62) 4-Bromofluorobenzene	12.631	95	185414	51.76	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	49067	18.48	ug/l	94
3) Chloromethane	2.208	50	66175	18.23	ug/l	98
4) Vinyl Chloride	2.350	62	62074	18.36	ug/l	99
5) Bromomethane	2.767	94	44682	17.88	ug/l	86
6) Chloroethane	2.920	64	39543	19.02	ug/l	98
7) Trichlorofluoromethane	3.279	101	104638	20.99	ug/l	98
8) Diethyl Ether	3.708	74	27996	19.59	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.102	101	62282	20.96	ug/l	98
10) Methyl Iodide	4.302	142	54943	20.58	ug/l	97
11) Tert butyl alcohol	5.202	59	18094m	70.65	ug/l	
12) 1,1-Dichloroethene	4.067	96	58575	20.56	ug/l	95
13) Acrolein	3.932	56	15854	79.15	ug/l	92
14) Allyl chloride	4.714	41	93471	18.45	ug/l	96
15) Acrylonitrile	5.426	53	66245	96.83	ug/l	97
16) Acetone	4.161	43	56744	105.60	ug/l	97
17) Carbon Disulfide	4.414	76	192173	19.35	ug/l	100
18) Methyl Acetate	4.714	43	30455	19.18	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	117508	19.83	ug/l	94
20) Methylene Chloride	4.973	84	75926	16.92	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	69910	20.53	ug/l	96
22) Diisopropyl ether	6.361	45	199212	19.52	ug/l	93
23) Vinyl Acetate	6.308	43	490823	94.62	ug/l	97
24) 1,1-Dichloroethane	6.267	63	125743	20.36	ug/l	97
25) 2-Butanone	7.214	43	76451	96.47	ug/l	91
26) 2,2-Dichloropropane	7.214	77	103608	21.29	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	71576	19.67	ug/l	99
28) Bromochloromethane	7.549	49	44139	18.95	ug/l	92
29) Tetrahydrofuran	7.567	42	50716	94.61	ug/l	98
30) Chloroform	7.714	83	127117	21.01	ug/l	95
31) Cyclohexane	7.985	56	110819	19.26	ug/l #	92
32) 1,1,1-Trichloroethane	7.902	97	108392	20.91	ug/l	99
36) 1,1-Dichloropropene	8.114	75	97720	20.79	ug/l	98
37) Ethyl Acetate	7.296	43	38800	20.40	ug/l #	89
38) Carbon Tetrachloride	8.096	117	95272	21.22	ug/l	97
39) Methylcyclohexane	9.355	83	103689	19.24	ug/l	97
40) Benzene	8.355	78	278922	20.46	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	23938m	22.36	ug/l		
42) 1,2-Dichloroethane	8.426	62	79199	21.54	ug/l		99
43) Isopropyl Acetate	8.449	43	67896	19.45	ug/l		98
44) Trichloroethene	9.114	130	70859	20.73	ug/l		93
45) 1,2-Dichloropropane	9.390	63	70382	20.28	ug/l		96
46) Dibromomethane	9.479	93	36092	21.39	ug/l		99
47) Bromodichloromethane	9.667	83	98807	21.71	ug/l		95
48) Methyl methacrylate	9.461	41	36878	20.44	ug/l		99
49) 1,4-Dioxane	9.467	88	6466	351.00	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.231	43	178206	98.59	ug/l		99
52) Toluene	10.408	92	177448	21.08	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	85925	20.87	ug/l		96
54) cis-1,3-Dichloropropene	10.090	75	100297	19.69	ug/l		98
55) 1,1,2-Trichloroethane	10.802	97	50470	21.40	ug/l		95
56) Ethyl methacrylate	10.661	69	52337	19.76	ug/l		97
57) 1,3-Dichloropropane	10.949	76	88638	21.38	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.943	63	113313	84.99	ug/l		97
59) 2-Hexanone	10.984	43	120529	101.47	ug/l		97
60) Dibromochloromethane	11.137	129	61448	21.04	ug/l		98
61) 1,2-Dibromoethane	11.249	107	47135	20.84	ug/l		99
64) Tetrachloroethene	10.878	164	58232	20.39	ug/l		97
65) Chlorobenzene	11.673	112	177420	20.21	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.743	131	66777	21.31	ug/l		97
67) Ethyl Benzene	11.743	91	310913	19.85	ug/l		95
68) m/p-Xylenes	11.855	106	247584	41.49	ug/l		100
69) o-Xylene	12.184	106	108735	20.36	ug/l		96
70) Styrene	12.196	104	189646	20.55	ug/l		98
71) Bromoform	12.361	173	31679	20.00	ug/l	#	98
73) Isopropylbenzene	12.478	105	288306	19.82	ug/l		99
74) N-amyl acetate	12.290	43	62617	18.96	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.731	83	56246	20.84	ug/l		99
76) 1,2,3-Trichloropropane	12.784	75	39809m	24.12	ug/l		
77) Bromobenzene	12.761	156	67720	20.35	ug/l		94
78) n-propylbenzene	12.820	91	369784	20.45	ug/l		99
79) 2-Chlorotoluene	12.908	91	209050	20.46	ug/l		98
80) 1,3,5-Trimethylbenzene	12.961	105	248996	20.61	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.525	75	16619	20.64	ug/l		99
82) 4-Chlorotoluene	13.002	91	221599	20.64	ug/l		99
83) tert-Butylbenzene	13.225	119	200909	20.22	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	250964	20.71	ug/l		99
85) sec-Butylbenzene	13.402	105	301494	20.73	ug/l		99
86) p-Isopropyltoluene	13.514	119	267689	20.92	ug/l		98
87) 1,3-Dichlorobenzene	13.514	146	134712	20.36	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	134696	20.61	ug/l		98
89) n-Butylbenzene	13.843	91	253581	19.98	ug/l		99
90) Hexachloroethane	14.114	117	55507	21.23	ug/l		93
91) 1,2-Dichlorobenzene	13.890	146	115312	20.70	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	7970	18.86	ug/l		93
93) 1,2,4-Trichlorobenzene	15.161	180	67282	20.34	ug/l		98
94) Hexachlorobutadiene	15.266	225	40799	21.08	ug/l		93
95) Naphthalene	15.402	128	106851	18.28	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	58210	20.37	ug/l		93

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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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