Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050521\
Data File : VD069068.D
Acq On : 05 May 2021 14:40
Operator : VA/SY
Sample : VD0505SBSD01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0505SBSD01

Manual Integrations APPROVED
MMDadoda
5/6/2021 5:39:00 PM

Quant Time: May 06 05:44:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
QLast Update : Wed May 05 04:16:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	216758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	379909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	367639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	182026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144243	51.63	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.26%			
35) Dibromofluoromethane	7.914	113	135418	51.98	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.96%			
50) Toluene-d8	10.338	98	513476	53.39	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.78%			
62) 4-Bromofluorobenzene	12.626	95	172424	54.50	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	58936	22.36	ug/l	96
3) Chloromethane	2.209	50	70326	21.68	ug/l	97
4) Vinyl Chloride	2.344	62	93131	21.71	ug/l	98
5) Bromomethane	2.738	94	58043	22.74	ug/l	96
6) Chloroethane	2.903	64	57897	23.21	ug/l	95
7) Trichlorofluoromethane	3.262	101	99596	21.14	ug/l	97
8) Diethyl Ether	3.709	74	24403	21.32	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.079	101	54729	21.69	ug/l	99
10) Methyl Iodide	4.297	142	40147	19.70	ug/l	99
11) Tert butyl alcohol	5.232	59	31166m	154.50	ug/l	
12) 1,1-Dichloroethene	4.062	96	50040	22.03	ug/l	92
13) Acrolein	3.920	56	18678	111.58	ug/l	98
14) Allyl chloride	4.703	41	63251	21.61	ug/l	99
15) Acrylonitrile	5.420	53	54872	110.30	ug/l	95
16) Acetone	4.156	43	47127	105.86	ug/l	97
17) Carbon Disulfide	4.403	76	160350	20.88	ug/l	96
18) Methyl Acetate	4.714	43	22648	20.82	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	110770	21.33	ug/l	96
20) Methylene Chloride	4.956	84	82487	27.01	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	58902	21.82	ug/l	89
22) Diisopropyl ether	6.356	45	143805	22.01	ug/l	97
23) Vinyl Acetate	6.303	43	400527	107.23	ug/l	95
24) 1,1-Dichloroethane	6.267	63	97872	21.21	ug/l	97
25) 2-Butanone	7.214	43	62709	105.00	ug/l	94
26) 2,2-Dichloropropane	7.203	77	90734	21.05	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	62205	21.35	ug/l	97
28) Bromochloromethane	7.544	49	39063	20.97	ug/l	97
29) Tetrahydrofuran	7.567	42	38222	104.04	ug/l	96
30) Chloroform	7.708	83	107840	20.89	ug/l	97
31) Cyclohexane	7.985	56	83465	20.60	ug/l	97
32) 1,1,1-Trichloroethane	7.902	97	100765	21.38	ug/l	97
36) 1,1-Dichloropropene	8.108	75	82857	20.73	ug/l	99
37) Ethyl Acetate	7.291	43	31110	20.64	ug/l #	92
38) Carbon Tetrachloride	8.097	117	89131	20.56	ug/l	95
39) Methylcyclohexane	9.349	83	87485	20.02	ug/l	98
40) Benzene	8.350	78	227382	20.56	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	17046m	19.51	ug/l		
42) 1,2-Dichloroethane	8.420	62	70662	20.44	ug/l		98
43) Isopropyl Acetate	8.455	43	58173	20.59	ug/l		99
44) Trichloroethene	9.108	130	59773	20.33	ug/l		99
45) 1,2-Dichloropropane	9.385	63	55566	20.41	ug/l		100
46) Dibromomethane	9.473	93	33049	21.12	ug/l		99
47) Bromodichloromethane	9.661	83	85389	20.75	ug/l		96
48) Methyl methacrylate	9.455	41	27084	19.44	ug/l		93
49) 1,4-Dioxane	9.455	88	8055	445.08	ug/l		96
51) 4-Methyl-2-Pentanone	10.226	43	150307	103.92	ug/l		100
52) Toluene	10.402	92	147492	21.01	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	72120	20.17	ug/l		94
54) cis-1,3-Dichloropropene	10.085	75	86540	20.47	ug/l		98
55) 1,1,2-Trichloroethane	10.796	97	43532	20.94	ug/l		95
56) Ethyl methacrylate	10.661	69	45838	19.82	ug/l		96
57) 1,3-Dichloropropane	10.944	76	73105	20.87	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	123826	102.88	ug/l		99
59) 2-Hexanone	10.985	43	101729	104.21	ug/l		98
60) Dibromochloromethane	11.144	129	54882	19.84	ug/l		96
61) 1,2-Dibromoethane	11.243	107	41605	20.62	ug/l		99
64) Tetrachloroethene	10.873	164	49580	20.92	ug/l		97
65) Chlorobenzene	11.667	112	154375	20.57	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.738	131	57057	20.09	ug/l		99
67) Ethyl Benzene	11.743	91	274518	20.64	ug/l		98
68) m/p-Xylenes	11.849	106	210392	42.06	ug/l		98
69) o-Xylene	12.173	106	91718	20.45	ug/l		97
70) Styrene	12.191	104	166061	20.97	ug/l		97
71) Bromoform	12.355	173	30915	21.24	ug/l	#	100
73) Isopropylbenzene	12.473	105	258217	20.50	ug/l		100
74) N-amyl acetate	12.285	43	54328	20.53	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	47920	19.40	ug/l		94
76) 1,2,3-Trichloropropane	12.779	75	31397m	19.81	ug/l		
77) Bromobenzene	12.755	156	59774	20.49	ug/l		97
78) n-propylbenzene	12.814	91	320374	20.70	ug/l		100
79) 2-Chlorotoluene	12.902	91	178089	20.63	ug/l		99
80) 1,3,5-Trimethylbenzene	12.955	105	223723	20.86	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	15196	20.87	ug/l		98
82) 4-Chlorotoluene	13.002	91	190463	20.61	ug/l		100
83) tert-Butylbenzene	13.220	119	182005	20.82	ug/l		99
84) 1,2,4-Trimethylbenzene	13.261	105	222540	20.77	ug/l		98
85) sec-Butylbenzene	13.396	105	264167	20.88	ug/l		100
86) p-Isopropyltoluene	13.508	119	241569	20.69	ug/l		99
87) 1,3-Dichlorobenzene	13.508	146	119269	20.38	ug/l		99
88) 1,4-Dichlorobenzene	13.590	146	117289	20.33	ug/l		99
89) n-Butylbenzene	13.837	91	228796	20.65	ug/l		99
90) Hexachloroethane	14.102	117	49824	20.76	ug/l		97
91) 1,2-Dichlorobenzene	13.885	146	103182	20.27	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	7652	18.83	ug/l		93
93) 1,2,4-Trichlorobenzene	15.149	180	62419	20.67	ug/l		98
94) Hexachlorobutadiene	15.261	225	36349	20.79	ug/l		98
95) Naphthalene	15.390	128	112820	20.00	ug/l		99
96) 1,2,3-Trichlorobenzene	15.584	180	54687	20.97	ug/l		98

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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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