Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
Data File : VD068807.D
Acq On : 09 Apr 2021 12:55
Operator : VA/SY
Sample : VD0409SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0409SBS01

Manual Integrations APPROVED
MMDadoda
4/12/2021 2:54:46 PM

Quant Time: Apr 10 00:40:43 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	336835	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	552503	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	506623	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	246507	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	165662	46.54	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.08%				
35) Dibromofluoromethane	7.914	113	183130	50.96	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.92%				
50) Toluene-d8	10.338	98	695748	51.32	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.64%				
62) 4-Bromofluorobenzene	12.632	95	228132	50.67	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.34%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	55321	16.58	ug/l		98
3) Chloromethane	2.209	50	66659	16.99	ug/l		98
4) Vinyl Chloride	2.350	62	83146	16.87	ug/l		99
5) Bromomethane	2.756	94	67569	18.34	ug/l		100
6) Chloroethane	2.921	64	51557	15.92	ug/l		98
7) Trichlorofluoromethane	3.279	101	101295	17.46	ug/l		100
8) Diethyl Ether	3.709	74	26579	16.97	ug/l		91
9) 1,1,2-Trichlorotrifluo...	4.103	101	69514	19.86	ug/l		97
10) Methyl Iodide	4.303	142	58142	15.80	ug/l		99
11) Tert butyl alcohol	5.232	59	18081	74.74	ug/l	#	91
12) 1,1-Dichloroethene	4.068	96	63619	18.87	ug/l		91
13) Acrolein	3.926	56	12269	87.56	ug/l		96
14) Allyl chloride	4.715	41	59320	15.61	ug/l		90
15) Acrylonitrile	5.426	53	54322	77.27	ug/l		92
16) Acetone	4.156	43	44199	89.66	ug/l		94
17) Carbon Disulfide	4.409	76	194712	17.84	ug/l		100
18) Methyl Acetate	4.721	43	19768	14.60	ug/l		99
19) Methyl tert-butyl Ether	5.479	73	130102	17.39	ug/l		93
20) Methylene Chloride	4.962	84	80470	16.97	ug/l		86
21) trans-1,2-Dichloroethene	5.479	96	79416	18.34	ug/l		92
22) Diisopropyl ether	6.362	45	158462	17.21	ug/l		92
23) Vinyl Acetate	6.309	43	409069	83.84	ug/l		97
24) 1,1-Dichloroethane	6.268	63	125858	18.13	ug/l		99
25) 2-Butanone	7.215	43	62421	89.48	ug/l		100
26) 2,2-Dichloropropane	7.209	77	116777	20.60	ug/l		98
27) cis-1,2-Dichloroethene	7.215	96	84517	19.64	ug/l		98
28) Bromochloromethane	7.544	49	40889	16.32	ug/l		91
29) Tetrahydrofuran	7.567	42	38040	81.09	ug/l		93
30) Chloroform	7.714	83	142415	18.74	ug/l		89
31) Cyclohexane	7.985	56	108540	18.32	ug/l		91
32) 1,1,1-Trichloroethane	7.903	97	125545	18.91	ug/l		99
36) 1,1-Dichloropropene	8.114	75	107181	19.17	ug/l		98
37) Ethyl Acetate	7.297	43	27426	16.70	ug/l		97
38) Carbon Tetrachloride	8.091	117	113511	20.50	ug/l		95
39) Methylcyclohexane	9.356	83	126894	19.46	ug/l		96
40) Benzene	8.350	78	303583	18.55	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.538	41	17750m	18.25	ug/l		
42) 1,2-Dichloroethane	8.426	62	81036	18.73	ug/l		98
43) Isopropyl Acetate	8.450	43	57420	17.15	ug/l		95
44) Trichloroethene	9.114	130	89195	19.73	ug/l		95
45) 1,2-Dichloropropane	9.385	63	72030	18.43	ug/l		99
46) Dibromomethane	9.479	93	41929	19.26	ug/l		97
47) Bromodichloromethane	9.661	83	107992	18.98	ug/l		98
48) Methyl methacrylate	9.456	41	28845	17.48	ug/l		95
49) 1,4-Dioxane	9.461	88	7748	336.09	ug/l		97
51) 4-Methyl-2-Pentanone	10.226	43	145077	85.96	ug/l		98
52) Toluene	10.403	92	203259	19.62	ug/l		100
53) t-1,3-Dichloropropene	10.620	75	94837	18.81	ug/l		97
54) cis-1,3-Dichloropropene	10.091	75	117268	19.44	ug/l		99
55) 1,1,2-Trichloroethane	10.797	97	58041	18.85	ug/l		98
56) Ethyl methacrylate	10.661	69	57316	18.08	ug/l		98
57) 1,3-Dichloropropane	10.950	76	94051	18.55	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	126772	87.02	ug/l		97
59) 2-Hexanone	10.985	43	96301	85.27	ug/l		97
60) Dibromochloromethane	11.144	129	74976	19.42	ug/l		100
61) 1,2-Dibromoethane	11.244	107	55518	18.55	ug/l		100
64) Tetrachloroethene	10.879	164	74447	20.96	ug/l		98
65) Chlorobenzene	11.667	112	219917	20.05	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.744	131	78668	19.95	ug/l		99
67) Ethyl Benzene	11.744	91	377273	19.87	ug/l		98
68) m/p-Xylenes	11.855	106	296922	40.52	ug/l		99
69) o-Xylene	12.179	106	131216	19.69	ug/l		99
70) Styrene	12.197	104	233234	20.08	ug/l		99
71) Bromoform	12.361	173	40101	18.98	ug/l	#	97
73) Isopropylbenzene	12.479	105	365447	20.30	ug/l		99
74) N-amyl acetate	12.285	43	54008	17.69	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	61670	18.33	ug/l		98
76) 1,2,3-Trichloropropane	12.785	75	38749m	17.21	ug/l		
77) Bromobenzene	12.761	156	87669	20.26	ug/l		93
78) n-propylbenzene	12.820	91	439466	20.10	ug/l		99
79) 2-Chlorotoluene	12.902	91	240217	19.67	ug/l		97
80) 1,3,5-Trimethylbenzene	12.955	105	303825	20.19	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	17244	17.77	ug/l		95
82) 4-Chlorotoluene	13.002	91	256745	19.83	ug/l		96
83) tert-Butylbenzene	13.220	119	251484	19.70	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	308740	20.31	ug/l		100
85) sec-Butylbenzene	13.397	105	358247	19.88	ug/l		99
86) p-Isopropyltoluene	13.514	119	329566	20.03	ug/l		100
87) 1,3-Dichlorobenzene	13.514	146	170233	19.86	ug/l		99
88) 1,4-Dichlorobenzene	13.591	146	167512	19.74	ug/l		98
89) n-Butylbenzene	13.838	91	303201	19.56	ug/l		100
90) Hexachloroethane	14.102	117	64615	19.71	ug/l		97
91) 1,2-Dichlorobenzene	13.885	146	143757	19.38	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8357	16.34	ug/l		95
93) 1,2,4-Trichlorobenzene	15.155	180	91507	19.93	ug/l		99
94) Hexachlorobutadiene	15.261	225	53781	20.46	ug/l		96
95) Naphthalene	15.396	128	146266	18.29	ug/l		98
96) 1,2,3-Trichlorobenzene	15.585	180	77992	19.43	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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