Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068297.D
Acq On : 05 Feb 2021 12:59
Operator : VA/SY
Sample : VD0205SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0205SBS01

Manual Integrations APPROVED
MMDadoda
2/8/2021 11:51:28 AM

Quant Time: Feb 05 21:40:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	332058	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	596536	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.649	117	538439	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	243373	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	136151	42.86	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 85.72%				
35) Dibromofluoromethane	7.920	113	143057	43.38	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 86.76%				
50) Toluene-d8	10.344	98	532472	40.36	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 80.72%				
62) 4-Bromofluorobenzene	12.632	95	191716	40.36	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	80120	20.31	ug/l		94
3) Chloromethane	2.209	50	97988	23.07	ug/l		99
4) Vinyl Chloride	2.350	62	110540	23.40	ug/l		98
5) Bromomethane	2.762	94	77316	23.86	ug/l		96
6) Chloroethane	2.920	64	70159	24.31	ug/l		98
7) Trichlorofluoromethane	3.279	101	129898	20.95	ug/l		96
8) Diethyl Ether	3.715	74	38720	21.21	ug/l		99
9) 1,1,2-Trichlorotrifluo...	4.097	101	78282	21.64	ug/l		93
10) Methyl Iodide	4.303	142	72280	19.85	ug/l		93
11) Tert butyl alcohol	5.214	59	29165	50.36	ug/l	#	93
12) 1,1-Dichloroethene	4.073	96	77041	21.18	ug/l		95
13) Acrolein	3.926	56	22151	88.49	ug/l		97
14) Allyl chloride	4.720	41	106419	20.11	ug/l		97
15) Acrylonitrile	5.420	53	80172	110.84	ug/l		97
16) Acetone	4.162	43	56237	99.15	ug/l		96
17) Carbon Disulfide	4.414	76	233302	19.91	ug/l		98
18) Methyl Acetate	4.720	43	33141	22.51	ug/l		89
19) Methyl tert-butyl Ether	5.479	73	175819	20.90	ug/l		95
20) Methylene Chloride	4.967	84	96450	22.13	ug/l		93
21) trans-1,2-Dichloroethene	5.479	96	88605	21.22	ug/l		95
22) Diisopropyl ether	6.361	45	234653	21.98	ug/l	#	93
23) Vinyl Acetate	6.308	43	599275	105.29	ug/l		97
24) 1,1-Dichloroethane	6.267	63	155598	22.49	ug/l		98
25) 2-Butanone	7.214	43	85321	99.91	ug/l		95
26) 2,2-Dichloropropane	7.208	77	128181	19.58	ug/l		100
27) cis-1,2-Dichloroethene	7.214	96	101778	22.45	ug/l		94
28) Bromochloromethane	7.544	49	54559	23.15	ug/l	#	76
29) Tetrahydrofuran	7.567	42	57793	104.39	ug/l		96
30) Chloroform	7.714	83	159955	22.88	ug/l		98
31) Cyclohexane	7.985	56	138199	20.09	ug/l		93
32) 1,1,1-Trichloroethane	7.908	97	134384	21.33	ug/l		96
36) 1,1-Dichloropropene	8.114	75	125681	20.89	ug/l		96
37) Ethyl Acetate	7.297	43	45347	21.31	ug/l	#	76
38) Carbon Tetrachloride	8.097	117	117035	20.78	ug/l		94
39) Methylcyclohexane	9.355	83	154455	19.64	ug/l		97
40) Benzene	8.355	78	359621	21.38	ug/l		92

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41) Methacrylonitrile	7.526	41	23224	18.08	ug/l		94
42) 1,2-Dichloroethane	8.426	62	97435	21.68	ug/l		98
43) Isopropyl Acetate	8.455	43	82824	18.68	ug/l		98
44) Trichloroethene	9.114	130	95363	20.64	ug/l		89
45) 1,2-Dichloropropane	9.391	63	86995	21.12	ug/l		100
46) Dibromomethane	9.479	93	46240	22.16	ug/l		91
47) Bromodichloromethane	9.667	83	123522	21.93	ug/l		99
48) Methyl methacrylate	9.461	41	42482	19.25	ug/l		97
49) 1,4-Dioxane	9.461	88	9221	377.01	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.232	43	208109	100.96	ug/l		97
52) Toluene	10.402	92	230264	21.01	ug/l		96
53) t-1,3-Dichloropropene	10.626	75	114059	20.01	ug/l		98
54) cis-1,3-Dichloropropene	10.091	75	138745	20.45	ug/l		94
55) 1,1,2-Trichloroethane	10.802	97	64090	21.67	ug/l		96
56) Ethyl methacrylate	10.661	69	75776	19.23	ug/l		95
57) 1,3-Dichloropropane	10.949	76	112688	21.59	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.944	63	195295	107.41	ug/l		92
59) 2-Hexanone	10.985	43	137713	96.38	ug/l		96
60) Dibromochloromethane	11.144	129	76968	20.75	ug/l		100
61) 1,2-Dibromoethane	11.249	107	60800	20.83	ug/l		98
64) Tetrachloroethene	10.879	164	76448	20.14	ug/l		97
65) Chlorobenzene	11.673	112	239613	20.94	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.743	131	84194	20.92	ug/l		97
67) Ethyl Benzene	11.743	91	444176	20.97	ug/l		97
68) m/p-Xylenes	11.849	106	328073	41.02	ug/l		99
69) o-Xylene	12.179	106	152868	20.58	ug/l		96
70) Styrene	12.196	104	263470	20.78	ug/l		99
71) Bromoform	12.361	173	41245	20.22	ug/l	#	96
73) Isopropylbenzene	12.479	105	415427	20.51	ug/l		99
74) N-amyl acetate	12.291	43	73900	17.56	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.732	83	68119	21.15	ug/l		98
76) 1,2,3-Trichloropropane	12.785	75	50042m	21.27	ug/l		
77) Bromobenzene	12.761	156	91447	21.06	ug/l		88
78) n-propylbenzene	12.820	91	499907	20.87	ug/l		96
79) 2-Chlorotoluene	12.908	91	276547	20.56	ug/l		98
80) 1,3,5-Trimethylbenzene	12.961	105	343630	20.37	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	20124	17.31	ug/l		95
82) 4-Chlorotoluene	13.002	91	291638	20.85	ug/l		98
83) tert-Butylbenzene	13.220	119	287664	20.13	ug/l		97
84) 1,2,4-Trimethylbenzene	13.267	105	338638	20.23	ug/l		98
85) sec-Butylbenzene	13.402	105	413079	20.66	ug/l		98
86) p-Isopropyltoluene	13.514	119	367910	20.23	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	175341	21.00	ug/l		98
88) 1,4-Dichlorobenzene	13.596	146	175411	21.33	ug/l		98
89) n-Butylbenzene	13.843	91	360093	20.64	ug/l		98
90) Hexachloroethane	14.108	117	68265	20.78	ug/l		85
91) 1,2-Dichlorobenzene	13.890	146	149825	20.95	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	9725	18.45	ug/l		85
93) 1,2,4-Trichlorobenzene	15.161	180	99721	20.34	ug/l		99
94) Hexachlorobutadiene	15.267	225	52427	19.29	ug/l		100
95) Naphthalene	15.396	128	178514	19.42	ug/l		99
96) 1,2,3-Trichlorobenzene	15.596	180	84469	20.43	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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