Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069319.D
Acq On : 03 Jun 2021 12:29
Operator : VA/SY
Sample : VD0603SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0603SBS01

Manual Integrations APPROVED
MMDadoda
6/4/2021 4:32:42 PM

Quant Time: Jun 04 02:59:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 02 02:17:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	426269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	680052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	650859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	326393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	186732	45.654	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.300%			
35) Dibromofluoromethane	7.914	113	203272	47.598	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.200%			
50) Toluene-d8	10.338	98	740080	47.657	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.320%			
62) 4-Bromofluorobenzene	12.626	95	248019	48.741	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	81878	18.248	ug/l	90
3) Chloromethane	2.209	50	70786	20.897	ug/l	100
4) Vinyl Chloride	2.350	62	71705	20.779	ug/l	98
5) Bromomethane	2.756	94	53772	21.358	ug/l	99
6) Chloroethane	2.920	64	43351	22.015	ug/l	99
7) Trichlorofluoromethane	3.273	101	160074	19.943	ug/l	96
8) Diethyl Ether	3.709	74	38209	19.376	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	93224	19.723	ug/l	99
10) Methyl Iodide	4.297	142	71314	16.545	ug/l	99
11) Tert butyl alcohol	5.232	59	29745m	103.258	ug/l	
12) 1,1-Dichloroethene	4.067	96	83007	19.415	ug/l	96
13) Acrolein	3.926	56	19059	82.156	ug/l	98
14) Allyl chloride	4.709	41	95456	18.505	ug/l	98
15) Acrylonitrile	5.420	53	71109	92.499	ug/l	98
16) Acetone	4.156	43	65917	92.351	ug/l	95
17) Carbon Disulfide	4.409	76	266041	18.817	ug/l	97
18) Methyl Acetate	4.720	43	35373	18.313	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	142466	18.143	ug/l	99
20) Methylene Chloride	4.967	84	126032	20.086	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	95456	18.851	ug/l	99
22) Diisopropyl ether	6.367	45	194496	19.631	ug/l	92
23) Vinyl Acetate	6.308	43	506132	87.849	ug/l	100
24) 1,1-Dichloroethane	6.261	63	165213	19.928	ug/l	98
25) 2-Butanone	7.214	43	83742	89.162	ug/l	89
26) 2,2-Dichloropropane	7.208	77	145398	19.032	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	103608	19.318	ug/l	98
28) Bromochloromethane	7.544	49	59012	20.529	ug/l	99
29) Tetrahydrofuran	7.555	42	49876	92.391	ug/l	99
30) Chloroform	7.714	83	177875	19.625	ug/l	94
31) Cyclohexane	7.985	56	120894	18.602	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	161129	19.699	ug/l	99
36) 1,1-Dichloropropene	8.108	75	131132	19.838	ug/l	98
37) Ethyl Acetate	7.291	43	40396	17.998	ug/l #	94
38) Carbon Tetrachloride	8.097	117	143700	20.135	ug/l	96
39) Methylcyclohexane	9.355	83	129536	19.157	ug/l	95
40) Benzene	8.350	78	384910	20.050	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	22401m	20.557	ug/l		
42) 1,2-Dichloroethane	8.426	62	104960	20.487	ug/l		99
43) Isopropyl Acetate	8.450	43	76860	18.816	ug/l		97
44) Trichloroethene	9.108	130	105754	20.275	ug/l		91
45) 1,2-Dichloropropane	9.385	63	93887	20.540	ug/l		96
46) Dibromomethane	9.479	93	51450	19.693	ug/l		96
47) Bromodichloromethane	9.661	83	132271	19.634	ug/l		96
48) Methyl methacrylate	9.455	41	38641	20.376	ug/l		96
49) 1,4-Dioxane	9.461	88	10907	425.006	ug/l		96
51) 4-Methyl-2-Pentanone	10.226	43	202095	95.790	ug/l		100
52) Toluene	10.402	92	245937	20.296	ug/l		98
53) t-1,3-Dichloropropene	10.620	75	118720	19.732	ug/l		96
54) cis-1,3-Dichloropropene	10.091	75	139504	19.448	ug/l		99
55) 1,1,2-Trichloroethane	10.802	97	73316	20.231	ug/l		96
56) Ethyl methacrylate	10.661	69	67719	18.158	ug/l		98
57) 1,3-Dichloropropane	10.944	76	117007	19.913	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	182719	107.678	ug/l		100
59) 2-Hexanone	10.979	43	132588	94.013	ug/l		99
60) Dibromochloromethane	11.138	129	93725	20.525	ug/l		96
61) 1,2-Dibromoethane	11.243	107	68772	19.895	ug/l		99
64) Tetrachloroethene	10.873	164	94107	20.773	ug/l		95
65) Chlorobenzene	11.667	112	269475	20.260	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.738	131	99661	19.998	ug/l		99
67) Ethyl Benzene	11.743	91	438475	19.188	ug/l		99
68) m/p-Xylenes	11.849	106	353700	39.501	ug/l		100
69) o-Xylene	12.179	106	153627	19.399	ug/l		98
70) Styrene	12.191	104	275623	20.049	ug/l		99
71) Bromoform	12.355	173	52904	20.468	ug/l	#	99
73) Isopropylbenzene	12.473	105	418823	18.750	ug/l		100
74) N-amyl acetate	12.285	43	69208	17.544	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	78387	18.797	ug/l		97
76) 1,2,3-Trichloropropane	12.779	75	49290m	17.381	ug/l		
77) Bromobenzene	12.755	156	102984	19.144	ug/l		99
78) n-propylbenzene	12.814	91	532029	19.420	ug/l		100
79) 2-Chlorotoluene	12.902	91	296907	19.065	ug/l		98
80) 1,3,5-Trimethylbenzene	12.955	105	373670	19.752	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.520	75	21880	17.098	ug/l		94
82) 4-Chlorotoluene	13.002	91	327771	20.006	ug/l		99
83) tert-Butylbenzene	13.220	119	298328	18.830	ug/l		100
84) 1,2,4-Trimethylbenzene	13.261	105	368398	19.580	ug/l		100
85) sec-Butylbenzene	13.396	105	457058	19.545	ug/l		98
86) p-Isopropyltoluene	13.508	119	387289	18.941	ug/l		99
87) 1,3-Dichlorobenzene	13.508	146	207943	19.101	ug/l		99
88) 1,4-Dichlorobenzene	13.590	146	206280	19.011	ug/l		96
89) n-Butylbenzene	13.837	91	358183	18.723	ug/l		99
90) Hexachloroethane	14.108	117	72413	18.643	ug/l		99
91) 1,2-Dichlorobenzene	13.885	146	181009	19.295	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	11048	16.631	ug/l		91
93) 1,2,4-Trichlorobenzene	15.155	180	102536	18.217	ug/l		99
94) Hexachlorobutadiene	15.255	225	67334	19.054	ug/l		96
95) Naphthalene	15.390	128	165097	17.146	ug/l		99
96) 1,2,3-Trichlorobenzene	15.584	180	90779	18.325	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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