Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031821\
Data File : VD068652.D
Acq On : 18 Mar 2021 14:06
Operator : VA/SY
Sample : VD0318SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0318SBS01

Quant Time: Mar 19 01:04:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	233014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	405399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	370403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	211436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	117733	50.57	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.14%			
35) Dibromofluoromethane	7.914	113	125079	51.22	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.44%			
50) Toluene-d8	10.344	98	454091	46.68	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.36%			
62) 4-Bromofluorobenzene	12.632	95	161144	51.40	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	42848	18.95	ug/l	100
3) Chloromethane	2.209	50	58799	20.58	ug/l	98
4) Vinyl Chloride	2.350	62	70492	20.77	ug/l	98
5) Bromomethane	2.756	94	50261	20.80	ug/l	100
6) Chloroethane	2.915	64	47356	21.58	ug/l	90
7) Trichlorofluoromethane	3.268	101	83508	21.57	ug/l	97
8) Diethyl Ether	3.709	74	24671	21.41	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	52508	22.26	ug/l	93
10) Methyl Iodide	4.297	142	43910	17.37	ug/l	94
11) Tert butyl alcohol	5.215	59	15068	121.22	ug/l #	92
12) 1,1-Dichloroethene	4.068	96	49972	21.35	ug/l	99
13) Acrolein	3.921	56	13581	76.44	ug/l	96
14) Allyl chloride	4.720	41	59770	19.78	ug/l	97
15) Acrylonitrile	5.426	53	60075	123.50	ug/l	100
16) Acetone	4.162	43	38959	105.35	ug/l	97
17) Carbon Disulfide	4.403	76	149404	19.49	ug/l	98
18) Methyl Acetate	4.715	43	21499	22.56	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	118965	23.45	ug/l	95
20) Methylene Chloride	4.962	84	78558	26.45	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	65244	23.35	ug/l	96
22) Diisopropyl ether	6.367	45	144561	21.73	ug/l	95
23) Vinyl Acetate	6.309	43	368918	106.87	ug/l	98
24) 1,1-Dichloroethane	6.262	63	101755	22.31	ug/l	98
25) 2-Butanone	7.214	43	58183	109.45	ug/l	95
26) 2,2-Dichloropropane	7.209	77	84225	22.17	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	67513	22.01	ug/l	98
28) Bromochloromethane	7.550	49	36413	20.45	ug/l	84
29) Tetrahydrofuran	7.567	42	36583	105.98	ug/l	98
30) Chloroform	7.709	83	109120	22.66	ug/l	97
31) Cyclohexane	7.985	56	82570	19.50	ug/l	97
32) 1,1,1-Trichloroethane	7.909	97	91120	22.17	ug/l	97
36) 1,1-Dichloropropene	8.114	75	80095	20.78	ug/l	99
37) Ethyl Acetate	7.297	43	28228	22.08	ug/l #	95
38) Carbon Tetrachloride	8.097	117	82331	22.74	ug/l	97
39) Methylcyclohexane	9.355	83	93926	19.76	ug/l	94
40) Benzene	8.350	78	241750	21.87	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	12981	17.49	ug/l	#	83
42) 1,2-Dichloroethane	8.426	62	64966	22.35	ug/l		97
43) Isopropyl Acetate	8.450	43	50857	21.64	ug/l		95
44) Trichloroethene	9.114	130	65341	21.53	ug/l		100
45) 1,2-Dichloropropane	9.391	63	57435	21.73	ug/l		100
46) Dibromomethane	9.479	93	32325	22.49	ug/l		94
47) Bromodichloromethane	9.661	83	86598	23.29	ug/l		99
48) Methyl methacrylate	9.456	41	23991	19.15	ug/l	#	78
49) 1,4-Dioxane	9.461	88	7382	450.27	ug/l		97
51) 4-Methyl-2-Pentanone	10.232	43	135938	110.55	ug/l		99
52) Toluene	10.403	92	155109	21.97	ug/l		97
53) t-1,3-Dichloropropene	10.620	75	75660	22.01	ug/l		100
54) cis-1,3-Dichloropropene	10.091	75	93190	22.22	ug/l		98
55) 1,1,2-Trichloroethane	10.802	97	46438	23.34	ug/l		97
56) Ethyl methacrylate	10.661	69	48993	21.42	ug/l		96
57) 1,3-Dichloropropane	10.950	76	78330	22.56	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.944	63	117733	102.62	ug/l		94
59) 2-Hexanone	10.985	43	90480	110.39	ug/l		100
60) Dibromochloromethane	11.144	129	56952	23.12	ug/l		98
61) 1,2-Dibromoethane	11.244	107	43442	22.31	ug/l		99
64) Tetrachloroethene	10.879	164	52226	21.59	ug/l		96
65) Chlorobenzene	11.673	112	169627	22.49	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.744	131	61574	23.48	ug/l		99
67) Ethyl Benzene	11.744	91	289312	21.49	ug/l		99
68) m/p-Xylenes	11.850	106	226299	44.25	ug/l		99
69) o-Xylene	12.179	106	104975	22.29	ug/l		96
70) Styrene	12.197	104	184866	22.95	ug/l		97
71) Bromoform	12.361	173	32756	24.59	ug/l	#	98
73) Isopropylbenzene	12.479	105	288491	18.40	ug/l		99
74) N-amyl acetate	12.285	43	48159	18.03	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.732	83	53272	19.75	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	38860m	20.70	ug/l		
77) Bromobenzene	12.755	156	71515	19.98	ug/l		92
78) n-propylbenzene	12.820	91	361565	19.30	ug/l		99
79) 2-Chlorotoluene	12.908	91	208857	20.08	ug/l		96
80) 1,3,5-Trimethylbenzene	12.955	105	254540	19.80	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.532	75	16136	20.06	ug/l	#	91
82) 4-Chlorotoluene	13.002	91	216490	19.78	ug/l		99
83) tert-Butylbenzene	13.220	119	219983	20.10	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	248901	19.34	ug/l		96
85) sec-Butylbenzene	13.402	105	309688	20.03	ug/l		100
86) p-Isopropyltoluene	13.514	119	287864	20.51	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	150206	21.73	ug/l		99
88) 1,4-Dichlorobenzene	13.591	146	147399	21.53	ug/l		99
89) n-Butylbenzene	13.838	91	274042	20.25	ug/l		97
90) Hexachloroethane	14.108	117	51706	18.54	ug/l		89
91) 1,2-Dichlorobenzene	13.885	146	129216	21.80	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9484	19.94	ug/l		82
93) 1,2,4-Trichlorobenzene	15.161	180	88747	19.38	ug/l		99
94) Hexachlorobutadiene	15.261	225	50240	19.77	ug/l		99
95) Naphthalene	15.402	128	157496	19.00	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	76723	19.35	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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