Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
Data File : VD068506.D
Acq On : 03 Mar 2021 11:56
Operator : VA/SY
Sample : VD0303SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBSD01

Manual Integrations APPROVED
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3/4/2021 2:04:18 PM

Quant Time: Mar 04 00:01:51 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	297201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	514008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	472277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	224175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	150410	50.65	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.30%			
35) Dibromofluoromethane	7.914	113	161181	52.05	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.10%			
50) Toluene-d8	10.343	98	619433	50.22	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.44%			
62) 4-Bromofluorobenzene	12.632	95	205203	51.63	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	57380	19.89	ug/l	95
3) Chloromethane	2.209	50	70898	19.45	ug/l	97
4) Vinyl Chloride	2.350	62	84820	19.60	ug/l	99
5) Bromomethane	2.756	94	65337	21.20	ug/l	96
6) Chloroethane	2.920	64	55988	20.01	ug/l	97
7) Trichlorofluoromethane	3.273	101	101560	20.57	ug/l	99
8) Diethyl Ether	3.714	74	28025	19.07	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	63451	21.09	ug/l	95
10) Methyl Iodide	4.297	142	61409	18.80	ug/l	94
11) Tert butyl alcohol	5.226	59	17498	110.37	ug/l	97
12) 1,1-Dichloroethene	4.073	96	61573	20.63	ug/l	94
13) Acrolein	3.926	56	22812	100.67	ug/l	95
14) Allyl chloride	4.720	41	82490	21.41	ug/l	98
15) Acrylonitrile	5.426	53	70842	114.19	ug/l	98
16) Acetone	4.161	43	43541	92.31	ug/l	91
17) Carbon Disulfide	4.408	76	196111	20.06	ug/l	99
18) Methyl Acetate	4.720	43	26824	22.06	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	143739	22.21	ug/l	92
20) Methylene Chloride	4.967	84	86900	22.33	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	80270	22.52	ug/l	92
22) Diisopropyl ether	6.361	45	162141	19.11	ug/l	95
23) Vinyl Acetate	6.308	43	413476	93.91	ug/l	99
24) 1,1-Dichloroethane	6.267	63	115740	19.90	ug/l	99
25) 2-Butanone	7.214	43	65381	96.43	ug/l	92
26) 2,2-Dichloropropane	7.208	77	93305	19.25	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	80324	20.53	ug/l	99
28) Bromochloromethane	7.549	49	43664	19.23	ug/l	88
29) Tetrahydrofuran	7.567	42	44401	100.85	ug/l	95
30) Chloroform	7.714	83	121841	19.83	ug/l	96
31) Cyclohexane	7.991	56	101315	18.76	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	106850	20.38	ug/l	94
36) 1,1-Dichloropropene	8.114	75	95780	19.60	ug/l	97
37) Ethyl Acetate	7.297	43	31262	19.28	ug/l	97
38) Carbon Tetrachloride	8.097	117	92797	20.21	ug/l	95
39) Methylcyclohexane	9.355	83	117133	19.44	ug/l	99
40) Benzene	8.355	78	275339	19.65	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	17512	18.61	ug/l		90
42) 1,2-Dichloroethane	8.426	62	72960	19.80	ug/l		100
43) Isopropyl Acetate	8.455	43	58090	19.50	ug/l		98
44) Trichloroethene	9.114	130	76761	19.95	ug/l		98
45) 1,2-Dichloropropane	9.391	63	67402	20.12	ug/l		95
46) Dibromomethane	9.479	93	36674	20.12	ug/l		95
47) Bromodichloromethane	9.661	83	95414	20.24	ug/l		95
48) Methyl methacrylate	9.461	41	30009	18.90	ug/l		93
49) 1,4-Dioxane	9.461	88	8444	406.22	ug/l		94
51) 4-Methyl-2-Pentanone	10.232	43	150944	96.82	ug/l		99
52) Toluene	10.402	92	179970	20.11	ug/l		98
53) t-1,3-Dichloropropene	10.620	75	85584	19.64	ug/l		97
54) cis-1,3-Dichloropropene	10.091	75	105528	19.85	ug/l		97
55) 1,1,2-Trichloroethane	10.802	97	52124	20.66	ug/l		93
56) Ethyl methacrylate	10.661	69	55807	19.25	ug/l		98
57) 1,3-Dichloropropane	10.949	76	86158	19.57	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.943	63	142291	97.82	ug/l		93
59) 2-Hexanone	10.985	43	103444	99.54	ug/l		99
60) Dibromochloromethane	11.143	129	63556	20.35	ug/l		96
61) 1,2-Dibromoethane	11.249	107	49370	20.00	ug/l		98
64) Tetrachloroethene	10.873	164	62660	20.32	ug/l		95
65) Chlorobenzene	11.673	112	191244	19.88	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.743	131	68270	20.42	ug/l		97
67) Ethyl Benzene	11.743	91	337475	19.66	ug/l		100
68) m/p-Xylenes	11.855	106	257579	39.50	ug/l		100
69) o-Xylene	12.179	106	119177	19.85	ug/l		93
70) Styrene	12.196	104	205391	20.00	ug/l		98
71) Bromoform	12.355	173	36120	21.27	ug/l	#	98
73) Isopropylbenzene	12.479	105	321180	19.32	ug/l		100
74) N-amyl acetate	12.285	43	54645	19.29	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.732	83	58032	20.29	ug/l		98
76) 1,2,3-Trichloropropane	12.784	75	37239m	18.71	ug/l		
77) Bromobenzene	12.761	156	74426	19.62	ug/l		92
78) n-propylbenzene	12.820	91	387635	19.51	ug/l		98
79) 2-Chlorotoluene	12.902	91	216259	19.61	ug/l		98
80) 1,3,5-Trimethylbenzene	12.955	105	268807	19.73	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.532	75	16238	19.04	ug/l		98
82) 4-Chlorotoluene	13.002	91	228037	19.65	ug/l		99
83) tert-Butylbenzene	13.220	119	230347	19.85	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	270450	19.82	ug/l		99
85) sec-Butylbenzene	13.396	105	316699	19.32	ug/l		100
86) p-Isopropyltoluene	13.514	119	290236	19.51	ug/l		98
87) 1,3-Dichlorobenzene	13.514	146	146423	19.98	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	148400	20.44	ug/l		98
89) n-Butylbenzene	13.837	91	282699	19.70	ug/l		98
90) Hexachloroethane	14.114	117	58451	19.77	ug/l		95
91) 1,2-Dichlorobenzene	13.884	146	136767	21.76	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	9906	19.65	ug/l		91
93) 1,2,4-Trichlorobenzene	15.155	180	99406	20.47	ug/l		99
94) Hexachlorobutadiene	15.261	225	54022	20.05	ug/l		99
95) Naphthalene	15.396	128	173300	19.71	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	84247	20.04	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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