Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
Data File : VD068554.D
Acq On : 08 Mar 2021 12:10
Operator : VA/SY
Sample : VD0308SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 09 00:08:36 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

Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	265918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	456060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	417262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	199280	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	131900	49.64	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.28%			
35) Dibromofluoromethane	7.920	113	137615	50.09	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.18%			
50) Toluene-d8	10.338	98	534781	48.87	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.74%			
62) 4-Bromofluorobenzene	12.632	95	176964	50.18	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	52534	20.36	ug/l	99
3) Chloromethane	2.209	50	64097	19.65	ug/l	100
4) Vinyl Chloride	2.350	62	80129	20.69	ug/l	95
5) Bromomethane	2.762	94	59898	21.72	ug/l	96
6) Chloroethane	2.920	64	51016	20.37	ug/l	98
7) Trichlorofluoromethane	3.273	101	95237	21.56	ug/l	98
8) Diethyl Ether	3.714	74	26328	20.02	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	60241	22.38	ug/l	94
10) Methyl Iodide	4.297	142	55145	18.86	ug/l	92
11) Tert butyl alcohol	5.226	59	13120	92.49	ug/l	98
12) 1,1-Dichloroethene	4.067	96	55807	20.90	ug/l	97
13) Acrolein	3.926	56	17968	88.62	ug/l	100
14) Allyl chloride	4.720	41	68095	19.75	ug/l	98
15) Acrylonitrile	5.426	53	63655	114.67	ug/l	99
16) Acetone	4.161	43	39837	94.40	ug/l #	87
17) Carbon Disulfide	4.409	76	175100	20.01	ug/l	99
18) Methyl Acetate	4.720	43	23281	21.40	ug/l	97
19) Methyl tert-butyl Ether	5.485	73	139269	24.05	ug/l	93
20) Methylene Chloride	4.973	84	73836	20.98	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	74436	23.34	ug/l	95
22) Diisopropyl ether	6.361	45	158086	20.82	ug/l	91
23) Vinyl Acetate	6.308	43	389014	98.75	ug/l	96
24) 1,1-Dichloroethane	6.267	63	111541	21.43	ug/l	97
25) 2-Butanone	7.214	43	57711	95.13	ug/l	99
26) 2,2-Dichloropropane	7.208	77	93135	21.48	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	73812	21.09	ug/l	97
28) Bromochloromethane	7.544	49	40120	19.75	ug/l	86
29) Tetrahydrofuran	7.561	42	37773	95.89	ug/l	98
30) Chloroform	7.714	83	118444	21.55	ug/l	91
31) Cyclohexane	7.979	56	94008	19.46	ug/l	98
32) 1,1,1-Trichloroethane	7.908	97	101663	21.67	ug/l	96
36) 1,1-Dichloropropene	8.114	75	89645	20.68	ug/l	98
37) Ethyl Acetate	7.297	43	28649	19.92	ug/l	97
38) Carbon Tetrachloride	8.097	117	88626	21.76	ug/l	97
39) Methylcyclohexane	9.355	83	109196	20.42	ug/l	96
40) Benzene	8.349	78	263163	21.16	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	16848	20.18	ug/l		94
42) 1,2-Dichloroethane	8.426	62	69664	21.30	ug/l		99
43) Isopropyl Acetate	8.449	43	54353	20.56	ug/l		97
44) Trichloroethene	9.114	130	74626	21.86	ug/l		91
45) 1,2-Dichloropropane	9.391	63	64200	21.60	ug/l		100
46) Dibromomethane	9.473	93	34722	21.47	ug/l		94
47) Bromodichloromethane	9.661	83	92160	22.03	ug/l		99
48) Methyl methacrylate	9.455	41	25774	18.29	ug/l	#	84
49) 1,4-Dioxane	9.461	88	7666	415.65	ug/l		91
51) 4-Methyl-2-Pentanone	10.232	43	138355	100.02	ug/l		98
52) Toluene	10.402	92	165926	20.89	ug/l		92
53) t-1,3-Dichloropropene	10.620	75	82840	21.43	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	98215	20.82	ug/l		97
55) 1,1,2-Trichloroethane	10.802	97	48429	21.64	ug/l	#	86
56) Ethyl methacrylate	10.661	69	52735	20.50	ug/l		97
57) 1,3-Dichloropropane	10.949	76	81229	20.79	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.944	63	128977	99.94	ug/l		92
59) 2-Hexanone	10.985	43	90535	98.19	ug/l		99
60) Dibromochloromethane	11.138	129	60290	21.76	ug/l		98
61) 1,2-Dibromoethane	11.243	107	47245	21.57	ug/l		99
64) Tetrachloroethene	10.879	164	60718	22.28	ug/l		97
65) Chlorobenzene	11.667	112	183798	21.63	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.743	131	64743	21.92	ug/l		97
67) Ethyl Benzene	11.743	91	318528	21.00	ug/l		95
68) m/p-Xylenes	11.855	106	248198	43.08	ug/l		98
69) o-Xylene	12.179	106	113461	21.39	ug/l		92
70) Styrene	12.196	104	196984	21.71	ug/l		98
71) Bromoform	12.361	173	32800	21.86	ug/l	#	98
73) Isopropylbenzene	12.479	105	300914	20.36	ug/l		99
74) N-amyl acetate	12.285	43	48811	19.39	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.732	83	51412	20.22	ug/l		100
76) 1,2,3-Trichloropropane	12.779	75	36353m	20.55	ug/l		
77) Bromobenzene	12.761	156	71199	21.11	ug/l		95
78) n-propylbenzene	12.820	91	362365	20.52	ug/l		98
79) 2-Chlorotoluene	12.908	91	203588	20.77	ug/l		98
80) 1,3,5-Trimethylbenzene	12.961	105	254513	21.01	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.532	75	15464	20.40	ug/l		98
82) 4-Chlorotoluene	13.002	91	215104	20.86	ug/l		99
83) tert-Butylbenzene	13.220	119	221579	21.48	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	252043	20.78	ug/l		98
85) sec-Butylbenzene	13.396	105	303823	20.85	ug/l		100
86) p-Isopropyltoluene	13.514	119	274626	20.76	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	141265	21.68	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	136148	21.10	ug/l		98
89) n-Butylbenzene	13.843	91	262207	20.55	ug/l		98
90) Hexachloroethane	14.108	117	56891	21.64	ug/l		91
91) 1,2-Dichlorobenzene	13.884	146	120144	21.50	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9016	20.12	ug/l		91
93) 1,2,4-Trichlorobenzene	15.155	180	89447	20.72	ug/l		99
94) Hexachlorobutadiene	15.267	225	52858	22.07	ug/l		98
95) Naphthalene	15.396	128	152912	19.57	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	80483	21.54	ug/l		93

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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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