Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
Data File : VD068184.D
Acq On : 26 Jan 2021 11:52
Operator : VA/SY
Sample : VD0126SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 27 00:10:08 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

Instrument :
MSVOA_D
ClientSampleId :
VD0126SBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	404633	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	700580	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.649	117	620892	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	284802	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	186476	48.18	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.36%				
35) Dibromofluoromethane	7.914	113	191349	49.40	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.80%				
50) Toluene-d8	10.344	98	712223	45.97	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.94%				
62) 4-Bromofluorobenzene	12.632	95	256001	45.88	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.76%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	99841	20.77	ug/l		93
3) Chloromethane	2.209	50	107176	20.71	ug/l		94
4) Vinyl Chloride	2.350	62	122868	21.34	ug/l		100
5) Bromomethane	2.762	94	91221	23.10	ug/l		94
6) Chloroethane	2.926	64	77856	22.14	ug/l		99
7) Trichlorofluoromethane	3.279	101	155672	20.60	ug/l		99
8) Diethyl Ether	3.709	74	44861	20.16	ug/l		100
9) 1,1,2-Trichlorotrifluo...	4.097	101	92853	21.07	ug/l		94
10) Methyl Iodide	4.303	142	84777	19.22	ug/l		94
11) Tert butyl alcohol	5.214	59	38604	62.27	ug/l	#	93
12) 1,1-Dichloroethene	4.067	96	90178	20.34	ug/l		96
13) Acrolein	3.932	56	28728	94.18	ug/l		98
14) Allyl chloride	4.715	41	124225	19.27	ug/l		95
15) Acrylonitrile	5.426	53	90160	102.29	ug/l		98
16) Acetone	4.156	43	66624	96.40	ug/l		100
17) Carbon Disulfide	4.415	76	278166	19.48	ug/l		100
18) Methyl Acetate	4.715	43	40858	22.78	ug/l		92
19) Methyl tert-butyl Ether	5.473	73	208663	20.36	ug/l		92
20) Methylene Chloride	4.967	84	109176	20.25	ug/l		92
21) trans-1,2-Dichloroethene	5.473	96	101706	19.98	ug/l		94
22) Diisopropyl ether	6.361	45	258243	19.85	ug/l		94
23) Vinyl Acetate	6.309	43	673054	97.04	ug/l		97
24) 1,1-Dichloroethane	6.267	63	174888	20.74	ug/l		98
25) 2-Butanone	7.214	43	99469	95.58	ug/l		96
26) 2,2-Dichloropropane	7.214	77	154288	19.34	ug/l		100
27) cis-1,2-Dichloroethene	7.214	96	115528	20.91	ug/l		94
28) Bromochloromethane	7.550	49	60447	21.04	ug/l		83
29) Tetrahydrofuran	7.561	42	66664	98.82	ug/l		96
30) Chloroform	7.714	83	178531	20.96	ug/l		95
31) Cyclohexane	7.991	56	161392	19.26	ug/l		93
32) 1,1,1-Trichloroethane	7.903	97	159641	20.79	ug/l		94
36) 1,1-Dichloropropene	8.114	75	144915	20.51	ug/l		95
37) Ethyl Acetate	7.291	43	47893	19.16	ug/l		97
38) Carbon Tetrachloride	8.097	117	136563	20.65	ug/l		97
39) Methylcyclohexane	9.361	83	182549	19.76	ug/l		97
40) Benzene	8.355	78	401305	20.32	ug/l		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	27599	18.30	ug/l		98
42) 1,2-Dichloroethane	8.426	62	106834	20.24	ug/l		98
43) Isopropyl Acetate	8.455	43	98091	18.83	ug/l		98
44) Trichloroethene	9.114	130	109558	20.20	ug/l		94
45) 1,2-Dichloropropane	9.391	63	95738	19.79	ug/l		98
46) Dibromomethane	9.479	93	51487	21.01	ug/l		93
47) Bromodichloromethane	9.667	83	137661	20.81	ug/l		98
48) Methyl methacrylate	9.455	41	46092	17.78	ug/l		88
49) 1,4-Dioxane	9.461	88	11106	386.65	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.232	43	238807	98.64	ug/l		95
52) Toluene	10.408	92	267458	20.78	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	133098	19.88	ug/l		98
54) cis-1,3-Dichloropropene	10.091	75	156810	19.68	ug/l		96
55) 1,1,2-Trichloroethane	10.802	97	71437	20.57	ug/l		93
56) Ethyl methacrylate	10.661	69	89210	19.28	ug/l	#	93
57) 1,3-Dichloropropane	10.949	76	123842	20.21	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.944	63	224205	105.00	ug/l		93
59) 2-Hexanone	10.985	43	158443	94.42	ug/l		97
60) Dibromochloromethane	11.144	129	89257	20.49	ug/l		98
61) 1,2-Dibromoethane	11.244	107	67802	19.78	ug/l		97
64) Tetrachloroethene	10.879	164	91681	20.95	ug/l		97
65) Chlorobenzene	11.673	112	269094	20.40	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.744	131	94624	20.39	ug/l		97
67) Ethyl Benzene	11.744	91	504277	20.64	ug/l		97
68) m/p-Xylenes	11.855	106	373042	40.45	ug/l		98
69) o-Xylene	12.179	106	173569	20.27	ug/l		98
70) Styrene	12.196	104	295445	20.21	ug/l		100
71) Bromoform	12.361	173	46670	19.84	ug/l	#	98
73) Isopropylbenzene	12.479	105	474613	20.03	ug/l		99
74) N-amyl acetate	12.291	43	91487	18.57	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.732	83	74601	19.79	ug/l		99
76) 1,2,3-Trichloropropane	12.785	75	58457m	21.23	ug/l		
77) Bromobenzene	12.761	156	104995	20.67	ug/l		92
78) n-propylbenzene	12.820	91	558175	19.91	ug/l		97
79) 2-Chlorotoluene	12.908	91	310843	19.75	ug/l		96
80) 1,3,5-Trimethylbenzene	12.961	105	392465	19.88	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	26504	19.48	ug/l		93
82) 4-Chlorotoluene	13.008	91	324438	19.82	ug/l		98
83) tert-Butylbenzene	13.226	119	330820	19.78	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	386460	19.73	ug/l		99
85) sec-Butylbenzene	13.402	105	464362	19.85	ug/l		99
86) p-Isopropyltoluene	13.514	119	417795	19.64	ug/l		100
87) 1,3-Dichlorobenzene	13.514	146	198106	20.28	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	192901	20.04	ug/l		97
89) n-Butylbenzene	13.843	91	400879	19.63	ug/l		98
90) Hexachloroethane	14.114	117	74930	19.50	ug/l		89
91) 1,2-Dichlorobenzene	13.890	146	168366	20.12	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	11681	18.93	ug/l		86
93) 1,2,4-Trichlorobenzene	15.161	180	112523	19.62	ug/l		99
94) Hexachlorobutadiene	15.267	225	61118	19.22	ug/l		99
95) Naphthalene	15.402	128	211190	19.64	ug/l		99
96) 1,2,3-Trichlorobenzene	15.596	180	95582	19.75	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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