Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
Data File : VD068185.D
Acq On : 26 Jan 2021 12:18
Operator : VA/SY
Sample : VD0126SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 27 00:10:46 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 :
VD0126SBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.985	168	383697	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	672698	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.649	117	598573	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	274284	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	172797	47.08	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.16%				
35) Dibromofluoromethane	7.920	113	174549	46.93	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.86%				
50) Toluene-d8	10.343	98	647292	43.51	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 87.02%				
62) 4-Bromofluorobenzene	12.637	95	235725	44.00	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	95985	21.06	ug/l		97
3) Chloromethane	2.214	50	103274	21.04	ug/l		93
4) Vinyl Chloride	2.356	62	121822	22.31	ug/l		99
5) Bromomethane	2.761	94	86021	22.98	ug/l		93
6) Chloroethane	2.926	64	76947	23.07	ug/l		96
7) Trichlorofluoromethane	3.279	101	156081	21.78	ug/l		98
8) Diethyl Ether	3.709	74	45582	21.60	ug/l		100
9) 1,1,2-Trichlorotrifluo...	4.103	101	90853	21.74	ug/l		95
10) Methyl Iodide	4.308	142	90950	21.33	ug/l		93
11) Tert butyl alcohol	5.220	59	34703	54.47	ug/l		97
12) 1,1-Dichloroethene	4.073	96	89254	21.23	ug/l		93
13) Acrolein	3.926	56	29999	103.71	ug/l		96
14) Allyl chloride	4.720	41	122994	20.12	ug/l		96
15) Acrylonitrile	5.426	53	92752	110.97	ug/l		98
16) Acetone	4.161	43	70744	107.94	ug/l		100
17) Carbon Disulfide	4.414	76	275316	20.33	ug/l		100
18) Methyl Acetate	4.720	43	44681	26.27	ug/l		91
19) Methyl tert-butyl Ether	5.485	73	211605	21.77	ug/l	#	89
20) Methylene Chloride	4.973	84	107226	21.13	ug/l		91
21) trans-1,2-Dichloroethene	5.479	96	102630	21.27	ug/l		91
22) Diisopropyl ether	6.367	45	255985	20.75	ug/l		96
23) Vinyl Acetate	6.308	43	689013	104.76	ug/l		98
24) 1,1-Dichloroethane	6.273	63	169831	21.24	ug/l		98
25) 2-Butanone	7.214	43	105605	107.02	ug/l		97
26) 2,2-Dichloropropane	7.214	77	152535	20.17	ug/l		98
27) cis-1,2-Dichloroethene	7.214	96	115437	22.03	ug/l		95
28) Bromochloromethane	7.555	49	62748	23.04	ug/l	#	78
29) Tetrahydrofuran	7.567	42	68057	106.39	ug/l		96
30) Chloroform	7.714	83	178405	22.08	ug/l		97
31) Cyclohexane	7.985	56	159304	20.04	ug/l		97
32) 1,1,1-Trichloroethane	7.908	97	158040	21.71	ug/l		96
36) 1,1-Dichloropropene	8.114	75	140064	20.65	ug/l		97
37) Ethyl Acetate	7.297	43	50182	20.91	ug/l		98
38) Carbon Tetrachloride	8.102	117	131886	20.77	ug/l		96
39) Methylcyclohexane	9.355	83	179170	20.20	ug/l		100
40) Benzene	8.355	78	396514	20.90	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.532	41	28271	19.52	ug/l	#	94
42) 1,2-Dichloroethane	8.432	62	111340	21.97	ug/l		97
43) Isopropyl Acetate	8.455	43	102082	20.41	ug/l		97
44) Trichloroethene	9.114	130	109855	21.09	ug/l		98
45) 1,2-Dichloropropane	9.391	63	96671	20.81	ug/l		95
46) Dibromomethane	9.479	93	51507	21.88	ug/l		95
47) Bromodichloromethane	9.667	83	134092	21.12	ug/l		98
48) Methyl methacrylate	9.461	41	52256	20.99	ug/l		98
49) 1,4-Dioxane	9.461	88	12081	438.02	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.232	43	245376	105.56	ug/l		96
52) Toluene	10.408	92	259701	21.01	ug/l		94
53) t-1,3-Dichloropropene	10.626	75	136006	21.16	ug/l		97
54) cis-1,3-Dichloropropene	10.091	75	158236	20.68	ug/l		95
55) 1,1,2-Trichloroethane	10.802	97	72784	21.82	ug/l		94
56) Ethyl methacrylate	10.667	69	93352	21.01	ug/l		98
57) 1,3-Dichloropropane	10.949	76	127282	21.63	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.943	63	230938	112.63	ug/l		92
59) 2-Hexanone	10.985	43	167276	103.81	ug/l		96
60) Dibromochloromethane	11.143	129	89397	21.38	ug/l		100
61) 1,2-Dibromoethane	11.249	107	72322	21.98	ug/l		98
64) Tetrachloroethene	10.879	164	88565	20.99	ug/l		97
65) Chlorobenzene	11.673	112	276106	21.71	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.743	131	95552	21.36	ug/l		97
67) Ethyl Benzene	11.749	91	494402	20.99	ug/l		96
68) m/p-Xylenes	11.855	106	366384	41.21	ug/l		97
69) o-Xylene	12.179	106	173243	20.98	ug/l		96
70) Styrene	12.196	104	292574	20.76	ug/l		98
71) Bromoform	12.361	173	49071	21.64	ug/l	#	100
73) Isopropylbenzene	12.479	105	473415	20.74	ug/l		99
74) N-amyl acetate	12.290	43	94213	19.86	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.732	83	77560	21.37	ug/l		100
76) 1,2,3-Trichloropropane	12.785	75	51746m	19.51	ug/l		
77) Bromobenzene	12.761	156	107142	21.90	ug/l		91
78) n-propylbenzene	12.820	91	556383	20.61	ug/l		98
79) 2-Chlorotoluene	12.908	91	311406	20.54	ug/l		97
80) 1,3,5-Trimethylbenzene	12.961	105	386493	20.33	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.532	75	26351	20.11	ug/l		95
82) 4-Chlorotoluene	13.008	91	323492	20.52	ug/l		96
83) tert-Butylbenzene	13.226	119	329949	20.48	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	384477	20.38	ug/l		99
85) sec-Butylbenzene	13.402	105	463249	20.56	ug/l		98
86) p-Isopropyltoluene	13.514	119	410320	20.02	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	198559	21.10	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	196973	21.25	ug/l		98
89) n-Butylbenzene	13.843	91	395832	20.13	ug/l		99
90) Hexachloroethane	14.114	117	73752	19.92	ug/l		89
91) 1,2-Dichlorobenzene	13.890	146	171665	21.30	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	12212	20.55	ug/l		87
93) 1,2,4-Trichlorobenzene	15.161	180	113409	20.53	ug/l		99
94) Hexachlorobutadiene	15.267	225	62076	20.27	ug/l		98
95) Naphthalene	15.402	128	221061	21.34	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	97584	20.94	ug/l		100

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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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