Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
Data File : VD068237.D
Acq On : 29 Jan 2021 14:04
Operator : VA/SY
Sample : VD0129SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0129SBSD01

Manual Integrations APPROVED
MMDadoda
2/3/2021 10:07:23 AM

Quant Time: Jan 30 00:02:05 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	347132	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	604207	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.649	117	534428	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	240784	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	147418	44.39	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 88.78%				
35) Dibromofluoromethane	7.914	113	151827	45.45	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.90%				
50) Toluene-d8	10.344	98	561010	41.99	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 83.98%				
62) 4-Bromofluorobenzene	12.632	95	203104	42.21	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.42%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	81433	19.75	ug/l		94
3) Chloromethane	2.209	50	97838	22.03	ug/l		100
4) Vinyl Chloride	2.350	62	109267	22.12	ug/l		98
5) Bromomethane	2.756	94	73587	21.72	ug/l		93
6) Chloroethane	2.926	64	71068	23.55	ug/l		99
7) Trichlorofluoromethane	3.273	101	130602	20.14	ug/l		99
8) Diethyl Ether	3.709	74	38576	20.21	ug/l		96
9) 1,1,2-Trichlorotrifluo...	4.097	101	78276	20.70	ug/l		94
10) Methyl Iodide	4.303	142	67906	18.16	ug/l		93
11) Tert butyl alcohol	5.220	59	29403	45.44	ug/l	#	94
12) 1,1-Dichloroethene	4.073	96	76509	20.12	ug/l		95
13) Acrolein	3.926	56	24290	92.82	ug/l		97
14) Allyl chloride	4.715	41	108675	19.65	ug/l		96
15) Acrylonitrile	5.426	53	80715	106.74	ug/l		99
16) Acetone	4.162	43	68409	115.37	ug/l		96
17) Carbon Disulfide	4.409	76	234757	19.17	ug/l		99
18) Methyl Acetate	4.726	43	33567	21.81	ug/l		94
19) Methyl tert-butyl Ether	5.473	73	177227	20.16	ug/l		96
20) Methylene Chloride	4.967	84	97920	21.37	ug/l		89
21) trans-1,2-Dichloroethene	5.479	96	88981	20.38	ug/l		95
22) Diisopropyl ether	6.362	45	228580	20.48	ug/l	#	94
23) Vinyl Acetate	6.309	43	595852	100.14	ug/l		96
24) 1,1-Dichloroethane	6.273	63	150506	20.81	ug/l		97
25) 2-Butanone	7.214	43	90010	100.82	ug/l		98
26) 2,2-Dichloropropane	7.209	77	132910	19.42	ug/l		100
27) cis-1,2-Dichloroethene	7.214	96	99775	21.05	ug/l		94
28) Bromochloromethane	7.550	49	53952	21.89	ug/l	#	74
29) Tetrahydrofuran	7.561	42	59033	102.00	ug/l		95
30) Chloroform	7.714	83	154648	21.16	ug/l		96
31) Cyclohexane	7.985	56	140470	19.54	ug/l		93
32) 1,1,1-Trichloroethane	7.909	97	134825	20.47	ug/l		97
36) 1,1-Dichloropropene	8.114	75	122535	20.11	ug/l		96
37) Ethyl Acetate	7.297	43	42864	19.89	ug/l		97
38) Carbon Tetrachloride	8.103	117	114970	20.16	ug/l		92
39) Methylcyclohexane	9.355	83	156089	19.59	ug/l		98
40) Benzene	8.356	78	349416	20.51	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.532	41	24409	18.77	ug/l		97
42) 1,2-Dichloroethane	8.426	62	94926	20.85	ug/l		97
43) Isopropyl Acetate	8.456	43	89007	19.82	ug/l		95
44) Trichloroethene	9.114	130	92982	19.87	ug/l		100
45) 1,2-Dichloropropane	9.391	63	83906	20.11	ug/l		99
46) Dibromomethane	9.473	93	44082	20.85	ug/l		93
47) Bromodichloromethane	9.661	83	117038	20.52	ug/l		100
48) Methyl methacrylate	9.461	41	39307	17.58	ug/l		92
49) 1,4-Dioxane	9.461	88	11024	445.01	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.232	43	209522	100.35	ug/l		98
52) Toluene	10.408	92	222257	20.02	ug/l		94
53) t-1,3-Dichloropropene	10.626	75	113594	19.68	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	135347	19.69	ug/l		92
55) 1,1,2-Trichloroethane	10.802	97	62492	20.86	ug/l		95
56) Ethyl methacrylate	10.661	69	79404	19.90	ug/l		96
57) 1,3-Dichloropropane	10.950	76	109662	20.75	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	199397	108.28	ug/l		91
59) 2-Hexanone	10.985	43	144376	99.76	ug/l		97
60) Dibromochloromethane	11.144	129	75327	20.05	ug/l		100
61) 1,2-Dibromoethane	11.249	107	59881	20.26	ug/l		99
64) Tetrachloroethene	10.879	164	74836	19.87	ug/l		96
65) Chlorobenzene	11.673	112	232932	20.51	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.744	131	78537	19.66	ug/l		96
67) Ethyl Benzene	11.749	91	429033	20.41	ug/l		98
68) m/p-Xylenes	11.855	106	318100	40.08	ug/l		97
69) o-Xylene	12.179	106	146575	19.88	ug/l		99
70) Styrene	12.197	104	252289	20.05	ug/l		98
71) Bromoform	12.361	173	39660	19.59	ug/l	#	100
73) Isopropylbenzene	12.479	105	406179	20.27	ug/l		99
74) N-amyl acetate	12.291	43	80205	19.26	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.732	83	67171	21.08	ug/l		99
76) 1,2,3-Trichloropropane	12.785	75	42094m	18.08	ug/l		
77) Bromobenzene	12.761	156	89061	20.73	ug/l		89
78) n-propylbenzene	12.820	91	484302	20.43	ug/l		98
79) 2-Chlorotoluene	12.908	91	270425	20.32	ug/l		95
80) 1,3,5-Trimethylbenzene	12.961	105	332474	19.92	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.532	75	22387	19.46	ug/l		92
82) 4-Chlorotoluene	13.008	91	277299	20.04	ug/l		99
83) tert-Butylbenzene	13.226	119	284991	20.16	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	329602	19.90	ug/l		98
85) sec-Butylbenzene	13.402	105	404098	20.43	ug/l		98
86) p-Isopropyltoluene	13.514	119	358258	19.92	ug/l		99
87) 1,3-Dichlorobenzene	13.520	146	169332	20.50	ug/l		98
88) 1,4-Dichlorobenzene	13.596	146	166592	20.47	ug/l		98
89) n-Butylbenzene	13.843	91	349055	20.22	ug/l		97
90) Hexachloroethane	14.114	117	63754	19.62	ug/l		88
91) 1,2-Dichlorobenzene	13.891	146	145113	20.51	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	10146	19.45	ug/l		78
93) 1,2,4-Trichlorobenzene	15.161	180	97526	20.11	ug/l		99
94) Hexachlorobutadiene	15.267	225	52168	19.40	ug/l		98
95) Naphthalene	15.402	128	184866	20.33	ug/l		99
96) 1,2,3-Trichlorobenzene	15.596	180	83042	20.30	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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