Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
Data File : VD068236.D
Acq On : 29 Jan 2021 13:37
Operator : VA/SY
Sample : VD0129SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0129SBS01

Manual Integrations APPROVED
MMDadoda
2/3/2021 10:07:21 AM

Quant Time: Jan 30 00:01:34 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	346107	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	598297	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	541799	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	244371	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	141905	42.86	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 85.72%				
35) Dibromofluoromethane	7.914	113	147446	44.58	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.16%				
50) Toluene-d8	10.338	98	548026	41.42	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 82.84%				
62) 4-Bromofluorobenzene	12.632	95	200833	42.15	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	84160	20.47	ug/l		99
3) Chloromethane	2.209	50	99471	22.47	ug/l		98
4) Vinyl Chloride	2.350	62	111071	22.55	ug/l		96
5) Bromomethane	2.756	94	74567	22.08	ug/l		93
6) Chloroethane	2.921	64	70408	23.40	ug/l		99
7) Trichlorofluoromethane	3.273	101	129862	20.09	ug/l		90
8) Diethyl Ether	3.709	74	37222	19.56	ug/l		98
9) 1,1,2-Trichlorotrifluo...	4.097	101	79601	21.11	ug/l		94
10) Methyl Iodide	4.303	142	66789	17.96	ug/l		93
11) Tert butyl alcohol	5.220	59	28352	41.06	ug/l	#	74
12) 1,1-Dichloroethene	4.073	96	76854	20.27	ug/l		94
13) Acrolein	3.921	56	23334	89.43	ug/l		96
14) Allyl chloride	4.715	41	110605	20.05	ug/l		95
15) Acrylonitrile	5.420	53	77875	103.29	ug/l		100
16) Acetone	4.162	43	66403	112.32	ug/l		93
17) Carbon Disulfide	4.409	76	235778	19.31	ug/l		100
18) Methyl Acetate	4.715	43	32530	21.20	ug/l		94
19) Methyl tert-butyl Ether	5.473	73	175036	19.97	ug/l		99
20) Methylene Chloride	4.962	84	97570	21.35	ug/l	#	93
21) trans-1,2-Dichloroethene	5.473	96	87754	20.16	ug/l		88
22) Diisopropyl ether	6.362	45	225711	20.28	ug/l		94
23) Vinyl Acetate	6.303	43	580802	97.90	ug/l		98
24) 1,1-Dichloroethane	6.267	63	149585	20.74	ug/l		99
25) 2-Butanone	7.214	43	86627	97.32	ug/l		94
26) 2,2-Dichloropropane	7.209	77	136692	20.03	ug/l		99
27) cis-1,2-Dichloroethene	7.209	96	99388	21.03	ug/l		95
28) Bromochloromethane	7.550	49	52709	21.45	ug/l		80
29) Tetrahydrofuran	7.562	42	58322	101.07	ug/l		92
30) Chloroform	7.709	83	153268	21.03	ug/l		99
31) Cyclohexane	7.985	56	141730	19.77	ug/l		93
32) 1,1,1-Trichloroethane	7.903	97	134423	20.47	ug/l		95
36) 1,1-Dichloropropene	8.114	75	123822	20.52	ug/l		97
37) Ethyl Acetate	7.291	43	42731	20.02	ug/l		96
38) Carbon Tetrachloride	8.097	117	114461	20.27	ug/l		97
39) Methylcyclohexane	9.356	83	155783	19.75	ug/l		95
40) Benzene	8.350	78	348955	20.69	ug/l		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	20961	16.27	ug/l	#	87
42) 1,2-Dichloroethane	8.426	62	92016	20.41	ug/l		99
43) Isopropyl Acetate	8.456	43	83519	18.78	ug/l		97
44) Trichloroethene	9.114	130	94099	20.31	ug/l		97
45) 1,2-Dichloropropane	9.385	63	84212	20.38	ug/l		95
46) Dibromomethane	9.479	93	42811	20.45	ug/l		93
47) Bromodichloromethane	9.661	83	117286	20.77	ug/l		96
48) Methyl methacrylate	9.456	41	42027	18.98	ug/l		97
49) 1,4-Dioxane	9.467	88	9918	404.32	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.232	43	199485	96.49	ug/l		99
52) Toluene	10.403	92	224541	20.43	ug/l		97
53) t-1,3-Dichloropropene	10.620	75	113604	19.87	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	135329	19.89	ug/l		98
55) 1,1,2-Trichloroethane	10.803	97	61983	20.89	ug/l		96
56) Ethyl methacrylate	10.661	69	75663	19.15	ug/l		93
57) 1,3-Dichloropropane	10.950	76	106206	20.29	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	194073	106.43	ug/l		91
59) 2-Hexanone	10.985	43	140385	97.96	ug/l		97
60) Dibromochloromethane	11.144	129	75144	20.20	ug/l		100
61) 1,2-Dibromoethane	11.250	107	58264	19.91	ug/l		100
64) Tetrachloroethene	10.873	164	76752	20.10	ug/l		93
65) Chlorobenzene	11.673	112	234477	20.37	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.744	131	82518	20.38	ug/l		98
67) Ethyl Benzene	11.750	91	433535	20.34	ug/l		97
68) m/p-Xylenes	11.855	106	325012	40.39	ug/l		100
69) o-Xylene	12.185	106	150680	20.16	ug/l		97
70) Styrene	12.197	104	255298	20.01	ug/l		98
71) Bromoform	12.361	173	40165	19.57	ug/l	#	99
73) Isopropylbenzene	12.479	105	410761	20.20	ug/l		100
74) N-amyl acetate	12.285	43	78996	18.69	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.732	83	65876	20.37	ug/l		99
76) 1,2,3-Trichloropropane	12.785	75	39913m	16.89	ug/l		
77) Bromobenzene	12.761	156	87425	20.05	ug/l		88
78) n-propylbenzene	12.820	91	489825	20.36	ug/l		97
79) 2-Chlorotoluene	12.908	91	267620	19.81	ug/l		97
80) 1,3,5-Trimethylbenzene	12.961	105	335364	19.80	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	21287	18.23	ug/l		96
82) 4-Chlorotoluene	13.008	91	282556	20.12	ug/l		97
83) tert-Butylbenzene	13.226	119	287346	20.02	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	336098	19.99	ug/l		99
85) sec-Butylbenzene	13.402	105	405049	20.18	ug/l		99
86) p-Isopropyltoluene	13.514	119	362397	19.85	ug/l		100
87) 1,3-Dichlorobenzene	13.520	146	171639	20.48	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	165691	20.06	ug/l		97
89) n-Butylbenzene	13.844	91	353414	20.17	ug/l		98
90) Hexachloroethane	14.114	117	63858	19.36	ug/l		89
91) 1,2-Dichlorobenzene	13.891	146	146472	20.40	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	9713	18.35	ug/l		84
93) 1,2,4-Trichlorobenzene	15.161	180	97185	19.74	ug/l		99
94) Hexachlorobutadiene	15.267	225	52857	19.37	ug/l		99
95) Naphthalene	15.402	128	177328	19.22	ug/l		99
96) 1,2,3-Trichlorobenzene	15.591	180	80237	19.33	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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