Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010821\
Data File : VD068046.D
Acq On : 08 Jan 2021 13:55
Operator : VA/SY
Sample : VD0108SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 08 21:49:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0108SBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	193022	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	339882	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.650	117	313506	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	147417	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	110038	52.79	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.58%				
35) Dibromofluoromethane	7.914	113	108865	50.83	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.66%				
50) Toluene-d8	10.338	98	405438	50.37	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.74%				
62) 4-Bromofluorobenzene	12.632	95	141998	51.57	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.14%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.985	85	40505	20.60	ug/l		93
3) Chloromethane	2.209	50	51187	19.04	ug/l		92
4) Vinyl Chloride	2.350	62	50345	20.10	ug/l		89
5) Bromomethane	2.756	94	35106	19.28	ug/l		83
6) Chloroethane	2.921	64	30713	19.95	ug/l		94
7) Trichlorofluoromethane	3.273	101	84353	22.85	ug/l		92
8) Diethyl Ether	3.709	74	20782	19.64	ug/l		92
9) 1,1,2-Trichlorotrifluo...	4.097	101	52202	23.73	ug/l		98
10) Methyl Iodide	4.297	142	39202	19.97	ug/l		96
11) Tert butyl alcohol	5.203	59	17290	112.34	ug/l	#	74
12) 1,1-Dichloroethene	4.068	96	47238	22.38	ug/l		98
13) Acrolein	3.926	56	11070	74.63	ug/l		93
14) Allyl chloride	4.720	41	72450	19.31	ug/l		91
15) Acrylonitrile	5.426	53	53548	105.69	ug/l	#	87
16) Acetone	4.156	43	43695	109.80	ug/l		94
17) Carbon Disulfide	4.409	76	156768	21.32	ug/l		99
18) Methyl Acetate	4.720	43	23564	20.04	ug/l		94
19) Methyl tert-butyl Ether	5.479	73	94263	21.48	ug/l		96
20) Methylene Chloride	4.962	84	63428	20.21	ug/l		92
21) trans-1,2-Dichloroethene	5.473	96	54165	21.48	ug/l		100
22) Diisopropyl ether	6.356	45	159589	21.12	ug/l		96
23) Vinyl Acetate	6.309	43	390342	101.61	ug/l		99
24) 1,1-Dichloroethane	6.267	63	101770	22.25	ug/l		95
25) 2-Butanone	7.214	43	61436	104.68	ug/l		96
26) 2,2-Dichloropropane	7.209	77	82689	22.94	ug/l		100
27) cis-1,2-Dichloroethene	7.209	96	58631	21.76	ug/l		99
28) Bromochloromethane	7.544	49	37225	21.58	ug/l		96
29) Tetrahydrofuran	7.561	42	39766	100.17	ug/l		97
30) Chloroform	7.714	83	101070	22.55	ug/l		95
31) Cyclohexane	7.979	56	91340	21.44	ug/l	#	91
32) 1,1,1-Trichloroethane	7.903	97	87547	22.81	ug/l		99
36) 1,1-Dichloropropene	8.108	75	81551	22.57	ug/l		97
37) Ethyl Acetate	7.297	43	26468	18.11	ug/l	#	80
38) Carbon Tetrachloride	8.097	117	77235	22.38	ug/l		96
39) Methylcyclohexane	9.355	83	88852	21.45	ug/l		98
40) Benzene	8.350	78	227227	21.68	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.538	41	16858m	20.49	ug/l		
42) 1,2-Dichloroethane	8.426	62	62037	21.95	ug/l		99
43) Isopropyl Acetate	8.456	43	52183	19.45	ug/l		96
44) Trichloroethene	9.114	130	56426	21.48	ug/l		96
45) 1,2-Dichloropropane	9.391	63	57547	21.57	ug/l	#	89
46) Dibromomethane	9.473	93	30206	23.29	ug/l		90
47) Bromodichloromethane	9.661	83	77339	22.11	ug/l		97
48) Methyl methacrylate	9.456	41	29221	21.07	ug/l		95
49) 1,4-Dioxane	9.467	88	5325	376.08	ug/l		87
51) 4-Methyl-2-Pentanone	10.232	43	139316	100.28	ug/l		98
52) Toluene	10.403	92	142165	21.98	ug/l		98
53) t-1,3-Dichloropropene	10.620	75	70207	22.19	ug/l		96
54) cis-1,3-Dichloropropene	10.091	75	83837	21.41	ug/l		97
55) 1,1,2-Trichloroethane	10.802	97	40958	22.60	ug/l		92
56) Ethyl methacrylate	10.661	69	39619	19.46	ug/l	#	93
57) 1,3-Dichloropropane	10.950	76	68927	21.63	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.944	63	93437	91.18	ug/l		96
59) 2-Hexanone	10.985	43	93445	102.35	ug/l		97
60) Dibromochloromethane	11.144	129	47908	21.34	ug/l		98
61) 1,2-Dibromoethane	11.244	107	36654	21.08	ug/l		100
64) Tetrachloroethene	10.879	164	46616	21.20	ug/l		96
65) Chlorobenzene	11.673	112	146658	21.69	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.744	131	51582	21.37	ug/l		98
67) Ethyl Benzene	11.744	91	255058	21.15	ug/l		95
68) m/p-Xylenes	11.855	106	203414	44.25	ug/l		99
69) o-Xylene	12.185	106	87127	21.18	ug/l		99
70) Styrene	12.197	104	152432	21.45	ug/l		98
71) Bromoform	12.367	173	23542	19.29	ug/l	#	97
73) Isopropylbenzene	12.479	105	236783	21.64	ug/l		100
74) N-amyl acetate	12.291	43	48648	19.59	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.732	83	45321	22.32	ug/l		97
76) 1,2,3-Trichloropropane	12.785	75	27872m	22.46	ug/l		
77) Bromobenzene	12.761	156	53653	21.44	ug/l		92
78) n-propylbenzene	12.820	91	304502	22.39	ug/l		99
79) 2-Chlorotoluene	12.908	91	172135	22.40	ug/l		98
80) 1,3,5-Trimethylbenzene	12.961	105	201029	22.12	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	13540	22.36	ug/l		98
82) 4-Chlorotoluene	13.002	91	188387	23.33	ug/l		97
83) tert-Butylbenzene	13.226	119	164284	21.98	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	203883	22.37	ug/l		99
85) sec-Butylbenzene	13.402	105	248821	22.75	ug/l		98
86) p-Isopropyltoluene	13.520	119	210315	21.85	ug/l		98
87) 1,3-Dichlorobenzene	13.514	146	106218	21.34	ug/l		98
88) 1,4-Dichlorobenzene	13.596	146	106300	21.63	ug/l		99
89) n-Butylbenzene	13.844	91	216373	22.67	ug/l		99
90) Hexachloroethane	14.108	117	43379	22.06	ug/l		90
91) 1,2-Dichlorobenzene	13.891	146	90961	21.71	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	6967	21.92	ug/l		84
93) 1,2,4-Trichlorobenzene	15.161	180	50917	20.47	ug/l		97
94) Hexachlorobutadiene	15.267	225	29564	20.31	ug/l		96
95) Naphthalene	15.402	128	87105	19.81	ug/l		99
96) 1,2,3-Trichlorobenzene	15.596	180	43616	20.29	ug/l		95

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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