Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018656.D
Acq On : 29 Sep 2020 14:38
Operator : JC/SP
Sample : L4143-19
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0F9

Quant Time: Sep 30 04:56:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 04:47:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	4866	5.00	ug/L	0.01
28) Chlorobenzene-d5	10.09	117	1894	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	843	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	413	1.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 32.40%#			
7) Chloroethane-d5	1.68	69	294	1.37	ug/L	-0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 27.40%#			
11) 1,1-Dichloroethene-d2	2.35	63	371	0.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 13.20%#			
20) 2-Butanone-d5	4.56	46	451	6.95	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 13.90%#			
24) Chloroform-d	5.14	84	282	0.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 9.40%#			
26) 1,2-Dichloroethane-d4	6.03	65	2594	7.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 147.60%#			
32) Benzene-d6	6.05	84	364	0.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 16.60%#			
36) 1,2-Dichloropropane-d6	7.37	67	277	2.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 41.60%#			
41) Toluene-d8	8.70	98	4102	9.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 188.60%#			
45) trans-1,3-Dichloropropene-	8.99	79	276	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.20%			
48) 2-Hexanone-d5	9.43	63	164	7.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 15.46%#			
59) 1,1,2,2-Tetrachloroethane-	11.24	84	186	1.88	ug/L	0.01
Spiked Amount 5.000	Range 65 - 120		Recovery = 37.60%#			
65) 1,2-Dichlorobenzene-d4	12.36	152	498	3.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 72.40%#			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.22	85	128	0.435	ug/L #	84
3) Chloromethane	1.31	50	819	3.256	ug/L #	3
5) Vinyl chloride	1.37	62	225	0.854	ug/L #	15
6) Bromomethane	1.68	94	392	2.489	ug/L	80
8) Chloroethane	1.73	64	202	1.394	ug/L	97
9) Trichlorofluoromethane	1.93	101	203	0.445	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	44	0.176	ug/L #	1
12) 1,1-Dichloroethene	2.34	96	75	0.316	ug/L #	54
13) Acetone	2.46	43	4424	123.100	ug/L	75
14) Carbon disulfide	2.55	76	5062	7.008	ug/L	99
15) Methyl Acetate	2.76	43	802	8.063	ug/L #	85
16) Methylene chloride	2.83	84	1666	5.133	ug/L	84
17) Methyl tert-butyl Ether	3.15	73	469	0.887	ug/L #	31
18) trans-1,2-Dichloroethene	3.15	96	192	0.809	ug/L #	60
19) 1,1-Dichloroethane	3.41	63	240	0.564	ug/L	96
21) 2-Butanone	4.59	43	461	8.082	ug/L	92
22) cis-1,2-Dichloroethene	4.55	96	481	1.941	ug/L #	1

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.93	128	71	0.598 ug/L #	13
25) Chloroform	5.19	83	144	0.309 ug/L	100
27) 1,2-Dichloroethane	6.18	62	327	1.111 ug/L #	71
29) 1,1,1-Trichloroethane	5.46	97	59	0.327 ug/L #	1
30) Cyclohexane	5.56	56	165	1.150 ug/L #	63
31) Carbon tetrachloride	5.79	117	100	0.601 ug/L #	65
33) Benzene	6.10	78	273	0.748 ug/L	100
34) Trichloroethene	7.18	95	25	0.237 ug/L #	6
35) Methylcyclohexane	7.18	83	192	1.306 ug/L	91
37) 1,2-Dichloropropane	7.50	63	99	1.016 ug/L #	1
38) Bromodichloromethane	7.86	83	38	0.289 ug/L #	43
39) cis-1,3-Dichloropropene	8.27	75	203	1.469 ug/L	95
40) 4-Methyl-2-pentanone	8.63	43	550	10.184 ug/L #	57
42) Toluene	8.76	91	2759	6.995 ug/L #	73
43) 1,3,5-Trimethylbenzene	11.45	105	167	0.484 ug/L	93
44) 1,2,4-Trimethylbenzene	11.69	105	159	0.461 ug/L	96
46) trans-1,3-Dichloropropene	9.15	75	153	1.214 ug/L	84
47) 1,1,2-Trichloroethane	9.18	97	103	1.473 ug/L	88
49) Tetrachloroethene	9.32	164	102	1.226 ug/L #	1
50) 2-Hexanone	9.46	43	608	15.905 ug/L #	75
51) Dibromochloromethane	9.59	129	75	0.820 ug/L #	10
52) 1,2-Dibromoethane	9.63	107	166	2.548 ug/L #	8
53) Chlorobenzene	10.12	112	884	3.393 ug/L #	72
54) Ethylbenzene	10.23	91	313	0.728 ug/L #	80
55) m,p-xylene	10.34	106	577	3.512 ug/L	95
56) o-xylene	10.68	106	67	0.432 ug/L	68
57) Styrene	10.85	104	67	0.261 ug/L	99
58) Isopropylbenzene	11.01	105	156	0.375 ug/L #	1
60) 1,1,2,2-Tetrachloroethane	11.27	83	205	2.596 ug/L #	22
62) Bromoform	10.84	173	22	0.490 ug/L #	44
63) 1,3-Dichlorobenzene	12.02	146	155	0.846 ug/L #	62
64) 1,4-Dichlorobenzene	12.09	146	1060	5.726 ug/L	83
66) 1,2-Dichlorobenzene	12.39	146	120	0.703 ug/L #	26
67) 1,2-Dibromo-3-chloropropan	12.98	75	68	4.684 ug/L #	9
68) 1,3,5-Trichlorobenzene	13.15	180	24	0.174 ug/L #	1
69) 1,2,4-trichlorobenzene	13.53	180	74	0.656 ug/L #	8
70) Naphthalene	13.82	128	205	1.075 ug/L #	77
71) 1,2,3-Trichlorobenzene	13.94	180	23	0.226 ug/L #	34

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

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