Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110620\
Data File : VU041131.D
Acq On : 06 Nov 2020 22:27
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00520

Quant Time: Nov 06 23:14:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 06 23:04:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66223	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68449	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37246	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	20073	3.61	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.20%			
7) Chloroethane-d5	1.92	69	17994	4.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.20%			
11) 1,1-Dichloroethene-d2	2.58	63	43544	3.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.80%			
20) 2-Butanone-d5	4.65	46	89004	48.58	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.16%			
24) Chloroform-d	5.08	84	49782	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
26) 1,2-Dichloroethane-d4	5.72	65	29085	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.74	84	86742	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.70	67	29669	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.90	98	83288	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
43) trans-1,3-Dichloropropene-	8.19	79	11712	4.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.60%			
46) 2-Hexanone-d5	8.64	63	67358	48.42	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.84%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27093	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	31320	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	25912	4.286	ug/L	97
3) Chloromethane	1.52	50	26427	4.192	ug/L	99
5) Vinyl chloride	1.61	62	26695	4.292	ug/L	98
6) Bromomethane	1.86	94	15464	4.338	ug/L	96
8) Chloroethane	1.94	64	15786	4.006	ug/L	98
9) Trichlorofluoromethane	2.15	101	39582	4.682	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	22324	4.506	ug/L	95
12) 1,1-Dichloroethene	2.59	96	19818	4.237	ug/L	99
13) Acetone	2.66	43	53655	42.836	ug/L #	56
14) Carbon disulfide	2.81	76	59751	3.822	ug/L	98
15) Methyl Acetate	2.97	43	12609	4.399	ug/L	96
16) Methylene chloride	3.06	84	33671	6.177	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	53567	4.449	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	20990	4.415	ug/L	95
19) 1,1-Dichloroethane	3.89	63	44296	4.661	ug/L	97
21) 2-Butanone	4.73	43	86625	44.249	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	23302	4.752	ug/L	97

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.00	128	11127	4.810 ug/L	93
25) Chloroform	5.11	83	47363	4.969 ug/L	99
27) 1,2-Dichloroethane	5.81	62	33947	4.782 ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	39350	4.701 ug/L	96
30) Cyclohexane	5.40	56	33723	4.089 ug/L	99
31) Carbon tetrachloride	5.54	117	35000	4.722 ug/L	98
33) Benzene	5.79	78	93368	4.565 ug/L	100
34) Trichloroethene	6.55	95	24772	4.759 ug/L	95
35) Methylcyclohexane	6.77	83	31623	4.073 ug/L	99
37) 1,2-Dichloropropane	6.80	63	26295	4.751 ug/L	98
38) Bromodichloromethane	7.11	83	34280	4.775 ug/L	94
39) cis-1,3-Dichloropropene	7.62	75	33494	4.396 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	200460	45.430 ug/L	99
42) Toluene	7.98	91	98246	4.737 ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	32494	4.557 ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	19470	4.726 ug/L	92
47) Tetrachloroethene	8.56	164	17885	4.673 ug/L	94
48) 2-Hexanone	8.69	43	153351	46.156 ug/L	98
49) Dibromochloromethane	8.81	129	23290	4.868 ug/L	96
50) 1,2-Dibromoethane	8.93	107	18100	4.611 ug/L	98
51) Chlorobenzene	9.45	112	62669	4.765 ug/L	98
52) Ethylbenzene	9.57	91	100853	4.620 ug/L	99
53) m,p-Xylene	9.70	106	38438	4.828 ug/L	95
54) o-Xylene	10.10	106	36746	4.956 ug/L	98
55) Styrene	10.11	104	65211	4.936 ug/L	97
56) Isopropylbenzene	10.48	105	100339	5.032 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	24582	4.543 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	19212	4.658 ug/L	99
61) Bromoform	10.29	173	13196	4.597 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	51210	4.763 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	51563	4.631 ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	49747	4.689 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4518	4.345 ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	35311	4.696 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	29263	4.698 ug/L	97
69) Naphthalene	14.08	128	46450	4.170 ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	27900	4.860 ug/L	97

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

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