Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110118\
Data File : VU027892.D
Acq On : 01 Nov 2018 09:22
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00550

Quant Time: Nov 02 07:00:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 31 02:11:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	85252	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	85552	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43626	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	25709	3.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.20%			
7) Chloroethane-d5	1.68	69	21042	4.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.80%			
11) 1,1-Dichloroethene-d2	2.28	63	56458	4.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.20%			
20) 2-Butanone-d5	4.19	46	98842	49.74	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.48%			
24) Chloroform-d	4.65	84	55753	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.31	65	33618	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
32) Benzene-d6	5.34	84	94475	4.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.60%			
36) 1,2-Dichloropropane-d6	6.33	67	34343	4.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.80%			
41) Toluene-d8	7.57	98	92240	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
43) trans-1,3-Dichloropropene-	7.85	79	15021	4.68	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.60%			
46) 2-Hexanone-d5	8.31	63	79852	45.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.96%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26951	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	34832	4.17	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	41027	4.888	ug/L	100
3) Chloromethane	1.33	50	38967	4.682	ug/L	99
5) Vinyl chloride	1.40	62	38594	4.657	ug/L	97
6) Bromomethane	1.63	94	13992	5.139	ug/L	99
8) Chloroethane	1.70	64	22570	4.647	ug/L	96
9) Trichlorofluoromethane	1.89	101	55550	5.049	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	27813	4.955	ug/L	96
12) 1,1-Dichloroethene	2.29	96	24577	4.642	ug/L	88
13) Acetone	2.32	43	66163	52.824	ug/L	91
14) Carbon disulfide	2.48	76	83481	4.414	ug/L	100
15) Methyl Acetate	2.62	43	16257	4.849	ug/L	99
16) Methylene chloride	2.70	84	28297	4.757	ug/L	96
17) Methyl tert-butyl Ether	3.01	73	77102	4.884	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	26842	4.769	ug/L	97
19) 1,1-Dichloroethane	3.45	63	56409	4.747	ug/L	96
21) 2-Butanone	4.28	43	109395	50.234	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	30090	4.625	ug/L	95

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00550

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 31 02:11:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	13393	4.968	ug/L	93
25) Chloroform	4.68	83	60699	5.039	ug/L	99
27) 1,2-Dichloroethane	5.41	62	44985	5.351	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	53277	4.826	ug/L	97
30) Cyclohexane	4.99	56	56864	4.384	ug/L	97
31) Carbon tetrachloride	5.13	117	46272	4.884	ug/L	100
33) Benzene	5.39	78	122079	4.506	ug/L	100
34) Trichloroethene	6.19	95	32033	4.543	ug/L	94
35) Methylcyclohexane	6.42	83	53259	4.440	ug/L	99
37) 1,2-Dichloropropane	6.44	63	36417	4.718	ug/L	99
38) Bromodichloromethane	6.76	83	43843	4.859	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	51602	4.664	ug/L	97
40) 4-Methyl-2-pentanone	7.47	43	267253	49.013	ug/L	99
42) Toluene	7.64	91	132344	4.669	ug/L	94
44) trans-1,3-Dichloropropene	7.88	75	43873	4.623	ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	21935	4.620	ug/L	96
47) Tetrachloroethene	8.23	164	25565	4.719	ug/L	96
48) 2-Hexanone	8.37	43	194493	49.478	ug/L	100
49) Dibromochloromethane	8.48	129	27236	4.750	ug/L	98
50) 1,2-Dibromoethane	8.59	107	21612	4.758	ug/L	99
51) Chlorobenzene	9.12	112	80306	4.567	ug/L	99
52) Ethylbenzene	9.25	91	149594	4.629	ug/L	96
53) m,p-xylene	9.38	106	53066	4.528	ug/L	94
54) o-xylene	9.78	106	51442	4.469	ug/L	99
55) Styrene	9.79	104	90617	4.697	ug/L	98
56) Isopropylbenzene	10.17	105	145972	4.655	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	28658	4.629	ug/L	91
59) 1,2,3-Trichloropropane	10.49	75	22501	4.810	ug/L	100
61) Bromoform	9.96	173	14964	4.663	ug/L	94
62) 1,3-Dichlorobenzene	11.42	146	65420	4.662	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	66426	4.736	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	62300	4.702	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	5327	5.131	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	54363	4.814	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	47449	4.941	ug/L	96
69) Naphthalene	13.74	128	74037	4.958	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	43121	4.930	ug/L	98

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

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