Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103018\
Data File : VU027879.D
Acq On : 30 Oct 2018 18:39
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00549

Quant Time: Oct 31 02:21:45 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	74695	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	72708	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	37180	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	29855	5.12	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.40%			
7) Chloroethane-d5	1.68	69	22677	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.60%			
11) 1,1-Dichloroethene-d2	2.28	63	55745	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.60%			
20) 2-Butanone-d5	4.20	46	90859	52.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.38%			
24) Chloroform-d	4.65	84	54577	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.00%			
26) 1,2-Dichloroethane-d4	5.31	65	31550	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
32) Benzene-d6	5.34	84	99833	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
36) 1,2-Dichloropropane-d6	6.33	67	35045	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.57	98	94871	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
43) trans-1,3-Dichloropropene-	7.85	79	13606	4.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.80%			
46) 2-Hexanone-d5	8.31	63	76752	51.44	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.88%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26250	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	35063	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	37320	5.075	ug/L	99
3) Chloromethane	1.33	50	37351	5.122	ug/L	98
5) Vinyl chloride	1.40	62	37246	5.130	ug/L	100
6) Bromomethane	1.63	94	13496	5.658	ug/L	94
8) Chloroethane	1.70	64	20734	4.873	ug/L	97
9) Trichlorofluoromethane	1.89	101	49064	5.090	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	24131	4.906	ug/L	97
12) 1,1-Dichloroethene	2.29	96	23708	5.110	ug/L	93
13) Acetone	2.33	43	52070	47.447	ug/L	94
14) Carbon disulfide	2.48	76	76932	4.642	ug/L	98
15) Methyl Acetate	2.62	43	15149	5.157	ug/L	98
16) Methylene chloride	2.70	84	25577	4.907	ug/L	99
17) Methyl tert-butyl Ether	3.01	73	70016	5.062	ug/L	98
18) trans-1,2-Dichloroethene	2.99	96	24879	5.045	ug/L	99
19) 1,1-Dichloroethane	3.45	63	52349	5.028	ug/L	97
21) 2-Butanone	4.28	43	93985	49.258	ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	28591	5.016	ug/L	96

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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	12085	5.116 ug/L	94
25) Chloroform	4.68	83	54158	5.131 ug/L	97
27) 1,2-Dichloroethane	5.41	62	37620	5.108 ug/L #	94
29) 1,1,1-Trichloroethane	4.92	97	47738	5.088 ug/L	99
30) Cyclohexane	5.00	56	53566	4.859 ug/L	98
31) Carbon tetrachloride	5.13	117	41062	5.100 ug/L	99
33) Benzene	5.39	78	115565	5.019 ug/L	100
34) Trichloroethene	6.19	95	30531	5.094 ug/L	96
35) Methylcyclohexane	6.41	83	50770	4.980 ug/L	96
37) 1,2-Dichloropropane	6.44	63	32721	4.988 ug/L	99
38) Bromodichloromethane	6.76	83	38581	5.031 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	45994	4.892 ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	235147	50.743 ug/L	99
42) Toluene	7.64	91	120989	5.023 ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	39316	4.875 ug/L	93
45) 1,1,2-Trichloroethane	8.07	97	20119	4.987 ug/L	95
47) Tetrachloroethene	8.22	164	23338	5.069 ug/L	93
48) 2-Hexanone	8.37	43	168969	50.578 ug/L	98
49) Dibromochloromethane	8.48	129	24448	5.017 ug/L	98
50) 1,2-Dibromoethane	8.59	107	19390	5.023 ug/L	98
51) Chlorobenzene	9.12	112	73532	4.920 ug/L	98
52) Ethylbenzene	9.25	91	139063	5.063 ug/L	94
53) m,p-xylene	9.38	106	49951	5.016 ug/L	99
54) o-xylene	9.78	106	49862	5.097 ug/L	99
55) Styrene	9.79	104	82708	5.044 ug/L	100
56) Isopropylbenzene	10.17	105	134415	5.044 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	27066	5.144 ug/L #	97
59) 1,2,3-Trichloropropane	10.49	75	19633	4.938 ug/L	99
61) Bromoform	9.96	173	13380	4.892 ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	60636	5.071 ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	59205	4.953 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	56944	5.043 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	4517	5.105 ug/L #	85
67) 1,3,5-Trichlorobenzene	12.89	180	48128	5.001 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	42876	5.239 ug/L	99
69) Naphthalene	13.74	128	67385	5.295 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	38334	5.143 ug/L	97

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

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