Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032885.D
Acq On : 20 Jun 2019 02:31
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

Quant Time: Jun 20 07:30:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 07:24:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	96223	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	96185	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52465	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	23060	3.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.80%			
7) Chloroethane-d5	1.68	69	21420	4.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.20%			
11) 1,1-Dichloroethene-d2	2.27	63	57289	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.20%			
20) 2-Butanone-d5	4.18	46	95658	54.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.58%			
24) Chloroform-d	4.64	84	57924	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
26) 1,2-Dichloroethane-d4	5.31	65	32483	5.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.00%			
32) Benzene-d6	5.33	84	103014	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
36) 1,2-Dichloropropane-d6	6.32	67	34281	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.56	98	97179	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
43) trans-1,3-Dichloropropene-	7.85	79	13727	4.36	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.20%			
46) 2-Hexanone-d5	8.31	63	71869	45.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.08%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31600	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	11.85	152	42258	4.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	44432	5.382	ug/L	99
3) Chloromethane	1.32	50	38014	4.439	ug/L	100
5) Vinyl chloride	1.40	62	41832	4.970	ug/L	99
6) Bromomethane	1.62	94	19324	3.764	ug/L	96
8) Chloroethane	1.69	64	25495	4.741	ug/L	99
9) Trichlorofluoromethane	1.88	101	61933	5.142	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	31402	4.903	ug/L	99
12) 1,1-Dichloroethene	2.28	96	29081	4.757	ug/L	99
13) Acetone	2.32	43	70465	51.999	ug/L	94
14) Carbon disulfide	2.47	76	91542	4.676	ug/L	99
15) Methyl Acetate	2.61	43	17297	4.652	ug/L	97
16) Methylene chloride	2.69	84	33254	4.905	ug/L	93
17) Methyl tert-butyl Ether	3.00	73	86320	4.828	ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	31420	4.763	ug/L	92
19) 1,1-Dichloroethane	3.43	63	64567	5.469	ug/L	97
21) 2-Butanone	4.27	43	106958	54.268	ug/L	95
22) cis-1,2-Dichloroethene	4.22	96	37207	4.984	ug/L	90

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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	4.54	128	16901	5.260 ug/L	92
25) Chloroform	4.67	83	65671	5.445 ug/L	95
27) 1,2-Dichloroethane	5.40	62	44768	5.647 ug/L	98
29) 1,1,1-Trichloroethane	4.90	97	56103	4.787 ug/L	96
30) Cyclohexane	4.98	56	53797	4.343 ug/L	96
31) Carbon tetrachloride	5.12	117	52872	4.961 ug/L	99
33) Benzene	5.38	78	134866	4.756 ug/L	100
34) Trichloroethene	6.18	95	36598	4.487 ug/L	100
35) Methylcyclohexane	6.40	83	55059	4.197 ug/L	96
37) 1,2-Dichloropropane	6.42	63	37171	5.066 ug/L	99
38) Bromodichloromethane	6.75	83	47043	4.988 ug/L	100
39) cis-1,3-Dichloropropene	7.26	75	51293	4.553 ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	264997	50.751 ug/L	95
42) Toluene	7.63	91	150691	4.768 ug/L	97
44) trans-1,3-Dichloropropene	7.87	75	42373	4.711 ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	26107	4.890 ug/L	97
47) Tetrachloroethene	8.22	164	29481	4.593 ug/L	98
48) 2-Hexanone	8.36	43	189521	50.791 ug/L	97
49) Dibromochloromethane	8.47	129	32681	4.786 ug/L	96
50) 1,2-Dibromoethane	8.58	107	25174	4.732 ug/L	95
51) Chlorobenzene	9.11	112	95387	4.814 ug/L	98
52) Ethylbenzene	9.24	91	161093	4.625 ug/L	100
53) m,p-Xylene	9.37	106	61251	4.638 ug/L	99
54) o-Xylene	9.77	106	59550	4.519 ug/L	99
55) Styrene	9.79	104	103257	4.762 ug/L	97
56) Isopropylbenzene	10.16	105	160472	4.616 ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.45	83	34424	5.042 ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	24788	5.145 ug/L	96
61) Bromoform	9.95	173	18465	4.380 ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	78941	4.609 ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	80677	4.634 ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	78902	4.768 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	6266	5.393 ug/L	89
67) 1,3,5-Trichlorobenzene	12.88	180	65164	4.747 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	53345	4.820 ug/L	95
69) Naphthalene	13.74	128	89398	4.608 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	51342	4.658 ug/L	98

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

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