Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071020\
Data File : VU039465.D
Acq On : 11 Jul 2020 05:51
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Quant Time: Jul 11 06:22:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 11 05:00:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	90018	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	85721	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40615	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	24704	4.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.80%			
7) Chloroethane-d5	1.92	69	29798	5.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.60%			
11) 1,1-Dichloroethene-d2	2.58	63	47639	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.80%			
20) 2-Butanone-d5	4.66	46	131539	55.10	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.20%			
24) Chloroform-d	5.09	84	54991	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	5.72	65	35537	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
32) Benzene-d6	5.75	84	96117	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
36) 1,2-Dichloropropane-d6	6.71	67	36384	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.91	98	80046	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	8.19	79	14734	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%			
46) 2-Hexanone-d5	8.64	63	101414	53.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.80%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	37400	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	35162	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	28218	5.172	ug/L	98
3) Chloromethane	1.53	50	34049	5.151	ug/L	97
5) Vinyl chloride	1.61	62	36813	5.015	ug/L	96
6) Bromomethane	1.87	94	18413	5.825	ug/L	98
8) Chloroethane	1.94	64	32141	6.061	ug/L	93
9) Trichlorofluoromethane	2.15	101	59786	4.691	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	23118	4.420	ug/L	97
12) 1,1-Dichloroethene	2.59	96	25479	4.759	ug/L	91
13) Acetone	2.66	43	66491	51.602	ug/L	99
14) Carbon disulfide	2.81	76	83173	4.410	ug/L	99
15) Methyl Acetate	2.97	43	17437	5.123	ug/L	94
16) Methylene chloride	3.06	84	32715	4.858	ug/L	95
17) Methyl tert-butyl Ether	3.39	73	84138	4.988	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	28559	4.819	ug/L	99
19) 1,1-Dichloroethane	3.89	63	58799	5.071	ug/L	96
21) 2-Butanone	4.73	43	113831	49.495	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	32420	4.878	ug/L	94

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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	5.00	128	15284	5.062 ug/L	90
25) Chloroform	5.11	83	63900	5.456 ug/L	95
27) 1,2-Dichloroethane	5.81	62	44088	5.205 ug/L	100
29) 1,1,1-Trichloroethane	5.34	97	49784	4.931 ug/L	98
30) Cyclohexane	5.41	56	42702	4.017 ug/L	99
31) Carbon tetrachloride	5.54	117	39517	4.588 ug/L	96
33) Benzene	5.79	78	124355	4.852 ug/L	100
34) Trichloroethene	6.56	95	31842	4.806 ug/L	98
35) Methylcyclohexane	6.77	83	39820	3.751 ug/L	97
37) 1,2-Dichloropropane	6.81	63	33843	4.844 ug/L	100
38) Bromodichloromethane	7.12	83	43198	4.842 ug/L #	98
39) cis-1,3-Dichloropropene	7.62	75	47695	4.516 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	289299	49.638 ug/L	98
42) Toluene	7.98	91	128312	4.675 ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	43813	4.676 ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	26280	5.237 ug/L	97
47) Tetrachloroethene	8.56	164	19666	4.267 ug/L	97
48) 2-Hexanone	8.69	43	222289	51.728 ug/L	96
49) Dibromochloromethane	8.82	129	29569	4.865 ug/L	100
50) 1,2-Dibromoethane	8.93	107	24275	4.762 ug/L #	95
51) Chlorobenzene	9.45	112	79330	4.731 ug/L	98
52) Ethylbenzene	9.57	91	137103	4.520 ug/L	99
53) m,p-Xylene	9.70	106	49528	4.334 ug/L	99
54) o-Xylene	10.10	106	50966	4.581 ug/L	98
55) Styrene	10.11	104	87291	4.509 ug/L	96
56) Isopropylbenzene	10.48	105	127691	4.244 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	34751	4.975 ug/L	99
59) 1,2,3-Trichloropropane	10.83	75	24970	4.849 ug/L	99
61) Bromoform	10.29	173	16573	4.841 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	59743	4.694 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	58853	4.609 ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	61238	4.800 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	5741	5.094 ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	41673	4.376 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	37204	4.565 ug/L	98
69) Naphthalene	14.08	128	72063	4.394 ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	34422	4.558 ug/L	97

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

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