Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052720\
Data File : VU038332.D
Acq On : 27 May 2020 19:38
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

Quant Time: May 28 04:20:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 04:16:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	308917	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	298974	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	155428	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	106094	3.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.20%			
7) Chloroethane-d5	1.93	69	97169	3.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.60%			
11) 1,1-Dichloroethene-d2	2.59	63	210632	4.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.20%			
20) 2-Butanone-d5	4.66	46	347206	49.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.60%			
24) Chloroform-d	5.10	84	216967	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.74	65	124101	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.76	84	443080	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.72	67	141399	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	7.92	98	397726	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
43) trans-1,3-Dichloropropene-	8.20	79	57055	4.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.60%			
46) 2-Hexanone-d5	8.65	63	281023	51.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.76%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114891	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.80%			
64) 1,2-Dichlorobenzene-d4	12.20	152	152450	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	134977	4.778	ug/L	99
3) Chloromethane	1.53	50	131407	3.859	ug/L	99
5) Vinyl chloride	1.62	62	134872	4.043	ug/L	97
6) Bromomethane	1.87	94	50576	2.663	ug/L	98
8) Chloroethane	1.95	64	82612	4.026	ug/L	98
9) Trichlorofluoromethane	2.16	101	168713	4.946	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	97585	4.614	ug/L	96
12) 1,1-Dichloroethene	2.60	96	102729	4.792	ug/L	97
13) Acetone	2.65	43	206500	47.211	ug/L	100
14) Carbon disulfide	2.82	76	342038	4.473	ug/L	99
15) Methyl Acetate	2.98	43	55587	4.543	ug/L	96
16) Methylene chloride	3.08	84	125301	5.014	ug/L	95
17) Methyl tert-butyl Ether	3.40	73	300443	5.044	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	113927	4.868	ug/L	97
19) 1,1-Dichloroethane	3.91	63	217592	4.760	ug/L	99
21) 2-Butanone	4.74	43	366978	47.534	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	126195	5.003	ug/L	97

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ALS Vial : 1 Sample Multiplier: 1

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 04:16:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.01	128	56553	5.210 ug/L	91
25) Chloroform	5.13	83	222284	5.213 ug/L	98
27) 1,2-Dichloroethane	5.83	62	151075	5.019 ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	182895	5.339 ug/L	97
30) Cyclohexane	5.42	56	177035	4.377 ug/L	100
31) Carbon tetrachloride	5.56	117	145414	5.282 ug/L	98
33) Benzene	5.81	78	483862	5.054 ug/L	100
34) Trichloroethene	6.57	95	119431	4.988 ug/L	96
35) Methylcyclohexane	6.79	83	175216	4.517 ug/L	95
37) 1,2-Dichloropropane	6.82	63	125076	4.810 ug/L	98
38) Bromodichloromethane	7.13	83	155153	5.161 ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	180699	4.855 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	866921	48.099 ug/L	99
42) Toluene	7.99	91	501231	4.959 ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	157885	4.989 ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	91705	5.078 ug/L	98
47) Tetrachloroethene	8.57	164	82159	4.905 ug/L	98
48) 2-Hexanone	8.70	43	628611	47.624 ug/L	97
49) Dibromochloromethane	8.83	129	101293	5.405 ug/L	96
50) 1,2-Dibromoethane	8.94	107	87281	5.208 ug/L	99
51) Chlorobenzene	9.47	112	322838	5.147 ug/L	96
52) Ethylbenzene	9.59	91	544380	4.972 ug/L	99
53) m,p-Xylene	9.71	106	212600	5.064 ug/L	96
54) o-Xylene	10.12	106	206654	5.091 ug/L	99
55) Styrene	10.13	104	358013	5.254 ug/L	99
56) Isopropylbenzene	10.50	105	522356	5.010 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	113645	4.957 ug/L	94
59) 1,2,3-Trichloropropane	10.84	75	87761	5.028 ug/L	100
61) Bromoform	10.31	173	52796	5.025 ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	246295	4.870 ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	248086	4.841 ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	236345	4.858 ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	18227	4.584 ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	181819	4.955 ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	165494	4.972 ug/L	99
69) Naphthalene	14.11	128	344604	4.918 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	152749	4.938 ug/L	99

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

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