Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061520\
Data File : VU038891.D
Acq On : 15 Jun 2020 14:31
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV02

Quant Time: Jun 16 01:51:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 16 01:49:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	278916	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	276092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	144022	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	65576	4.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.40%			
7) Chloroethane-d5	1.93	69	64577	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.59	63	159702	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.80%			
20) 2-Butanone-d5	4.68	46	253057	50.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.62%			
24) Chloroform-d	5.10	84	168861	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
26) 1,2-Dichloroethane-d4	5.74	65	93260	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.76	84	311056	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.72	67	96346	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.92	98	290008	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
43) trans-1,3-Dichloropropene-	8.20	79	42571	5.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.60%			
46) 2-Hexanone-d5	8.65	63	208249	49.89	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.78%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	84960	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	12.20	152	110254	4.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	126496	4.660	ug/L	98
3) Chloromethane	1.53	50	111848	4.939	ug/L	98
5) Vinyl chloride	1.62	62	115641	4.841	ug/L	98
6) Bromomethane	1.87	94	71683	4.886	ug/L	98
8) Chloroethane	1.95	64	83145	4.681	ug/L	99
9) Trichlorofluoromethane	2.16	101	206106	4.967	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	95516	4.641	ug/L	98
12) 1,1-Dichloroethene	2.60	96	94746	4.807	ug/L	96
13) Acetone	2.68	43	203523	49.445	ug/L	100
14) Carbon disulfide	2.82	76	315806	4.826	ug/L	99
15) Methyl Acetate	2.99	43	48040	4.784	ug/L	96
16) Methylene chloride	3.08	84	112148	4.949	ug/L	92
17) Methyl tert-butyl Ether	3.40	73	252175	5.014	ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	101465	4.859	ug/L	99
19) 1,1-Dichloroethane	3.91	63	187732	4.904	ug/L	99
21) 2-Butanone	4.76	43	331104	49.483	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	108381	4.963	ug/L	100

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Acq On : 15 Jun 2020 14:31
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Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV02

Quant Time: Jun 16 01:51:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 16 01:49:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	50867	4.920	ug/L	98
25) Chloroform	5.13	83	194485	4.875	ug/L	100
27) 1,2-Dichloroethane	5.83	62	138569	4.893	ug/L	96
29) 1,1,1-Trichloroethane	5.35	97	170465	4.984	ug/L	98
30) Cyclohexane	5.42	56	152400	4.947	ug/L	99
31) Carbon tetrachloride	5.56	117	141160	4.850	ug/L	99
33) Benzene	5.81	78	418086	5.099	ug/L	100
34) Trichloroethene	6.57	95	104738	4.891	ug/L	99
35) Methylcyclohexane	6.79	83	152860	4.792	ug/L	97
37) 1,2-Dichloropropane	6.82	63	105700	4.995	ug/L	100
38) Bromodichloromethane	7.13	83	139758	5.023	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	156274	5.164	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	737750	51.112	ug/L	100
42) Toluene	7.99	91	434525	5.027	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	140252	5.067	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	84069	5.197	ug/L	95
47) Tetrachloroethene	8.57	164	79940	4.871	ug/L	99
48) 2-Hexanone	8.71	43	564773	49.357	ug/L	100
49) Dibromochloromethane	8.83	129	96451	5.139	ug/L	94
50) 1,2-Dibromoethane	8.94	107	78491	5.006	ug/L	94
51) Chlorobenzene	9.47	112	278904	4.959	ug/L	99
52) Ethylbenzene	9.59	91	465814	4.844	ug/L	98
53) m,p-Xylene	9.71	106	184884	5.116	ug/L	97
54) o-Xylene	10.11	106	175585	5.050	ug/L	99
55) Styrene	10.13	104	307790	5.097	ug/L	99
56) Isopropylbenzene	10.50	105	457651	5.069	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	101210	4.881	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	79048	4.847	ug/L	98
61) Bromoform	10.31	173	52899	4.819	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	227930	5.020	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	228142	4.960	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	217400	4.818	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	19374	4.849	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	169316	4.949	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	150547	5.254	ug/L	100
69) Naphthalene	14.11	128	295505	5.485	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	144792	5.400	ug/L	99

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

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