Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071420\
Data File : VU039476.D
Acq On : 14 Jul 2020 09:12
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00519

Quant Time: Jul 15 06:19:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 14 12:46:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110026	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	106985	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54029	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	32257	5.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.20%			
7) Chloroethane-d5	1.92	69	34001	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.20%			
11) 1,1-Dichloroethene-d2	2.58	63	67063	5.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.00%			
20) 2-Butanone-d5	4.65	46	140976	48.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.64%			
24) Chloroform-d	5.08	84	73998	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.00%			
26) 1,2-Dichloroethane-d4	5.72	65	44749	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
32) Benzene-d6	5.74	84	140566	5.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.20%			
36) 1,2-Dichloropropane-d6	6.70	67	45595	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.91	98	129921	5.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.40%			
43) trans-1,3-Dichloropropene-	8.19	79	21066	5.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.40%			
46) 2-Hexanone-d5	8.64	63	111100	46.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.74%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	44997	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51576	5.35	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	35854	5.376	ug/L	96
3) Chloromethane	1.53	50	35971	4.452	ug/L	100
5) Vinyl chloride	1.61	62	40631	4.529	ug/L	97
6) Bromomethane	1.87	94	22505	5.825	ug/L	99
8) Chloroethane	1.94	64	31200	4.813	ug/L	97
9) Trichlorofluoromethane	2.15	101	82390	5.289	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	33649	5.264	ug/L	99
12) 1,1-Dichloroethene	2.59	96	30707	4.693	ug/L	96
13) Acetone	2.66	43	77329	49.100	ug/L	99
14) Carbon disulfide	2.81	76	100442	4.357	ug/L	98
15) Methyl Acetate	2.97	43	19700	4.736	ug/L	97
16) Methylene chloride	3.06	84	37523	4.559	ug/L	99
17) Methyl tert-butyl Ether	3.38	73	100986	4.898	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	34715	4.792	ug/L	92
19) 1,1-Dichloroethane	3.89	63	71496	5.044	ug/L	99
21) 2-Butanone	4.73	43	138919	49.419	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	40386	4.972	ug/L	94

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Data File : VU039476.D
Acq On : 14 Jul 2020 09:12
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00519

Quant Time: Jul 15 06:19:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 14 12:46:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	18541	5.025	ug/L		97
25) Chloroform	5.11	83	75890	5.302	ug/L		98
27) 1,2-Dichloroethane	5.81	62	56714	5.478	ug/L		100
29) 1,1,1-Trichloroethane	5.33	97	65099	5.166	ug/L		98
30) Cyclohexane	5.40	56	65684	4.951	ug/L		98
31) Carbon tetrachloride	5.54	117	57322	5.332	ug/L		99
33) Benzene	5.79	78	158289	4.949	ug/L		100
34) Trichloroethene	6.56	95	42375	5.124	ug/L		98
35) Methylcyclohexane	6.77	83	69520	5.248	ug/L		99
37) 1,2-Dichloropropane	6.80	63	43576	4.997	ug/L		99
38) Bromodichloromethane	7.11	83	55942	5.024	ug/L		99
39) cis-1,3-Dichloropropene	7.62	75	65045	4.935	ug/L		99
40) 4-Methyl-2-pentanone	7.80	43	350579	48.197	ug/L		99
42) Toluene	7.98	91	175041	5.111	ug/L		99
44) trans-1,3-Dichloropropene	8.22	75	58607	5.012	ug/L		99
45) 1,1,2-Trichloroethane	8.41	97	32333	5.163	ug/L		94
47) Tetrachloroethene	8.56	164	30375	5.281	ug/L		98
48) 2-Hexanone	8.69	43	266160	49.626	ug/L		99
49) Dibromochloromethane	8.82	129	39494	5.206	ug/L		93
50) 1,2-Dibromoethane	8.93	107	32201	5.061	ug/L		99
51) Chlorobenzene	9.45	112	110098	5.260	ug/L		99
52) Ethylbenzene	9.57	91	199405	5.268	ug/L		99
53) m,p-Xylene	9.70	106	73527	5.155	ug/L		99
54) o-Xylene	10.10	106	73048	5.261	ug/L		98
55) Styrene	10.11	104	122371	5.065	ug/L		97
56) Isopropylbenzene	10.48	105	197927	5.271	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	44138	5.063	ug/L		98
59) 1,2,3-Trichloropropane	10.82	75	32313	5.028	ug/L		98
61) Bromoform	10.29	173	22771	5.001	ug/L	#	97
62) 1,3-Dichlorobenzene	11.74	146	86360	5.101	ug/L		97
63) 1,4-Dichlorobenzene	11.83	146	85048	5.007	ug/L		97
65) 1,2-Dichlorobenzene	12.21	146	82932	4.886	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.99	75	7567	5.047	ug/L	#	79
67) 1,3,5-Trichlorobenzene	13.21	180	63572	5.018	ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	52954	4.884	ug/L		95
69) Naphthalene	14.08	128	93205	4.272	ug/L		100
70) 1,2,3-Trichlorobenzene	14.32	180	46134	4.592	ug/L		98

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

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