Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033120\
Data File : VU037518.D
Acq On : 01 Apr 2020 00:29
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Apr 01 01:29:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 01 01:25:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	91031	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	85282	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	42169	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	31210	4.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.40%			
7) Chloroethane-d5	1.93	69	26628	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%			
11) 1,1-Dichloroethene-d2	2.59	63	58834	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.60%			
20) 2-Butanone-d5	4.67	46	94575	46.18	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.36%			
24) Chloroform-d	5.10	84	58141	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
26) 1,2-Dichloroethane-d4	5.74	65	32892	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.76	84	116631	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.72	67	40411	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.92	98	105771	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	8.20	79	17003	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.20%			
46) 2-Hexanone-d5	8.65	63	78853	46.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.24%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	33734	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.00%			
64) 1,2-Dichlorobenzene-d4	12.21	152	37116	4.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	32414	4.708	ug/L	98
3) Chloromethane	1.54	50	36903	5.343	ug/L	98
5) Vinyl chloride	1.62	62	35900	4.817	ug/L	96
6) Bromomethane	1.87	94	15482	4.084	ug/L	95
8) Chloroethane	1.95	64	20253	4.742	ug/L	98
9) Trichlorofluoromethane	2.16	101	50597	4.879	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	29835	4.975	ug/L	96
12) 1,1-Dichloroethene	2.60	96	28387	4.653	ug/L	89
13) Acetone	2.66	43	50848	43.869	ug/L	100
14) Carbon disulfide	2.82	76	94767	4.665	ug/L	100
15) Methyl Acetate	2.98	43	14775	4.680	ug/L	99
16) Methylene chloride	3.08	84	32782	4.814	ug/L	95
17) Methyl tert-butyl Ether	3.40	73	81215	4.820	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	30552	4.792	ug/L	97
19) 1,1-Dichloroethane	3.91	63	59005	4.901	ug/L	97
21) 2-Butanone	4.75	43	94599	46.403	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	33927	4.785	ug/L	96

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 01 01:25:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.01	128	13372	4.571 ug/L	95
25) Chloroform	5.13	83	59121	4.852 ug/L	97
27) 1,2-Dichloroethane	5.83	62	38336	4.649 ug/L	96
29) 1,1,1-Trichloroethane	5.36	97	52329	4.836 ug/L	98
30) Cyclohexane	5.42	56	55612	4.743 ug/L	99
31) Carbon tetrachloride	5.56	117	42403	4.756 ug/L	97
33) Benzene	5.81	78	128175	4.826 ug/L	100
34) Trichloroethene	6.57	95	33576	4.747 ug/L	97
35) Methylcyclohexane	6.79	83	54447	4.701 ug/L	98
37) 1,2-Dichloropropane	6.82	63	34869	4.952 ug/L	99
38) Bromodichloromethane	7.13	83	44330	4.764 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	53473	4.886 ug/L	95
40) 4-Methyl-2-pentanone	7.82	43	243365	46.384 ug/L	99
42) Toluene	8.00	91	137689	4.917 ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	47041	4.848 ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	24446	4.867 ug/L	96
47) Tetrachloroethene	8.57	164	22608	4.871 ug/L	96
48) 2-Hexanone	8.71	43	174290	46.029 ug/L	99
49) Dibromochloromethane	8.83	129	28513	4.637 ug/L	91
50) 1,2-Dibromoethane	8.95	107	24172	4.845 ug/L	85
51) Chlorobenzene	9.47	112	84200	4.825 ug/L	99
52) Ethylbenzene	9.59	91	156708	4.816 ug/L	100
53) m,p-Xylene	9.71	106	57945	4.790 ug/L	97
54) o-Xylene	10.12	106	57251	4.993 ug/L	96
55) Styrene	10.13	104	97802	4.900 ug/L	96
56) Isopropylbenzene	10.50	105	152468	4.926 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	31877	4.672 ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	22481	4.643 ug/L	99
61) Bromoform	10.31	173	15740	4.459 ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	65110	4.676 ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	66648	4.728 ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	62556	4.774 ug/L	95
66) 1,2-Dibromo-3-chloropropan	13.02	75	6260	4.585 ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	45962	4.717 ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	43889	4.660 ug/L	95
69) Naphthalene	14.11	128	121762	5.667 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	39319	4.735 ug/L	99

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

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