Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091520\
Data File : VU040140.D
Acq On : 15 Sep 2020 16:19
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00507

Quant Time: Sep 16 03:13:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 16 03:11:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	115575	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116798	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60152	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	33053	5.24	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.80%			
7) Chloroethane-d5	1.92	69	28552	5.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.60%			
11) 1,1-Dichloroethene-d2	2.58	63	85319	5.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.40%			
20) 2-Butanone-d5	4.66	46	125084	49.56	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.12%			
24) Chloroform-d	5.08	84	71098	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	5.72	65	43864	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.74	84	128312	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.70	67	41042	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.20%			
41) Toluene-d8	7.90	98	115379	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
43) trans-1,3-Dichloropropene-	8.19	79	18802	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%			
46) 2-Hexanone-d5	8.64	63	98905	50.57	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.14%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39669	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	44975	4.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	57766	5.036	ug/L	100
3) Chloromethane	1.53	50	50670	4.614	ug/L	97
5) Vinyl chloride	1.61	62	55225	4.961	ug/L	96
6) Bromomethane	1.87	94	23503	4.130	ug/L	97
8) Chloroethane	1.94	64	33920	5.070	ug/L	99
9) Trichlorofluoromethane	2.15	101	84316	5.287	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	54703	5.292	ug/L	98
12) 1,1-Dichloroethene	2.59	96	48935	5.471	ug/L	97
13) Acetone	2.67	43	129283	55.332	ug/L	96
14) Carbon disulfide	2.81	76	138683	4.836	ug/L	100
15) Methyl Acetate	2.97	43	29146	4.970	ug/L	96
16) Methylene chloride	3.06	84	60242	5.143	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	136607	5.067	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	49164	5.110	ug/L	97
19) 1,1-Dichloroethane	3.89	63	102446	5.173	ug/L	100
21) 2-Butanone	4.74	43	206758	54.202	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	54629	5.280	ug/L	99

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00507

Quant Time: Sep 16 03:13:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 16 03:11:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	24316	5.364 ug/L	97
25) Chloroform	5.11	83	110268	5.437 ug/L	99
27) 1,2-Dichloroethane	5.81	62	76695	5.161 ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	91491	4.989 ug/L	99
30) Cyclohexane	5.40	56	82592	4.644 ug/L	100
31) Carbon tetrachloride	5.54	117	77668	4.949 ug/L	100
33) Benzene	5.79	78	212615	5.088 ug/L	100
34) Trichloroethene	6.55	95	56529	5.044 ug/L	98
35) Methylcyclohexane	6.77	83	81539	4.751 ug/L	98
37) 1,2-Dichloropropane	6.80	63	58113	5.136 ug/L	98
38) Bromodichloromethane	7.11	83	78841	5.105 ug/L	97
39) cis-1,3-Dichloropropene	7.61	75	78085	4.680 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	477254	51.412 ug/L	99
42) Toluene	7.97	91	224274	5.212 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	75509	4.884 ug/L	94
45) 1,1,2-Trichloroethane	8.40	97	43247	5.247 ug/L	97
47) Tetrachloroethene	8.56	164	37341	5.072 ug/L	96
48) 2-Hexanone	8.69	43	350895	51.821 ug/L	97
49) Dibromochloromethane	8.81	129	51133	5.169 ug/L	99
50) 1,2-Dibromoethane	8.93	107	41300	5.197 ug/L #	99
51) Chlorobenzene	9.45	112	144215	5.398 ug/L	97
52) Ethylbenzene	9.57	91	248327	5.079 ug/L	99
53) m,p-Xylene	9.69	106	92371	5.306 ug/L	96
54) o-Xylene	10.10	106	89079	5.370 ug/L	97
55) Styrene	10.11	104	160766	5.573 ug/L	96
56) Isopropylbenzene	10.48	105	242880	5.369 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	56637	5.359 ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	44037	5.254 ug/L	98
61) Bromoform	10.29	173	26707	4.841 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	114173	5.193 ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	117398	5.277 ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	112902	5.307 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9630	4.233 ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	78314	5.066 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	63112	4.740 ug/L	98
69) Naphthalene	14.08	128	116486	4.197 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	60588	4.954 ug/L	97

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

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