Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092320\
Data File : VU040258.D
Acq On : 23 Sep 2020 14:19
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00518

Quant Time: Sep 24 02:28:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 24 02:21:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	166631	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	166604	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	86760	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	48790	5.36	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.20%			
7) Chloroethane-d5	1.92	69	43448	5.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 114.60%			
11) 1,1-Dichloroethene-d2	2.58	63	116372	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.60%			
20) 2-Butanone-d5	4.64	46	178332	49.01	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.02%			
24) Chloroform-d	5.08	84	109923	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
26) 1,2-Dichloroethane-d4	5.72	65	64376	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.74	84	205391	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
36) 1,2-Dichloropropane-d6	6.70	67	66593	5.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.80%			
41) Toluene-d8	7.90	98	188149	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.00%			
43) trans-1,3-Dichloropropene-	8.18	79	25885	4.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.80%			
46) 2-Hexanone-d5	8.64	63	135626	48.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.22%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56358	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	71108	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	71867	4.346	ug/L	98
3) Chloromethane	1.52	50	70170	4.432	ug/L	97
5) Vinyl chloride	1.61	62	70931	4.419	ug/L	99
6) Bromomethane	1.86	94	34149	4.162	ug/L	94
8) Chloroethane	1.94	64	43498	4.509	ug/L	100
9) Trichlorofluoromethane	2.15	101	109413	4.759	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	72330	4.853	ug/L	98
12) 1,1-Dichloroethene	2.59	96	60040	4.656	ug/L	95
13) Acetone	2.65	43	140466	41.698	ug/L	98
14) Carbon disulfide	2.80	76	169410	4.097	ug/L	99
15) Methyl Acetate	2.96	43	35515	4.201	ug/L	97
16) Methylene chloride	3.06	84	80969	4.795	ug/L	92
17) Methyl tert-butyl Ether	3.38	73	164216	4.225	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	65370	4.713	ug/L	95
19) 1,1-Dichloroethane	3.89	63	134469	4.709	ug/L	97
21) 2-Butanone	4.72	43	230093	41.837	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	72147	4.837	ug/L	97

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	33732	5.161 ug/L	93
25) Chloroform	5.11	83	147641	5.049 ug/L	98
27) 1,2-Dichloroethane	5.81	62	93743	4.376 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	118620	4.535 ug/L	99
30) Cyclohexane	5.40	56	106710	4.207 ug/L	99
31) Carbon tetrachloride	5.54	117	101165	4.519 ug/L	100
33) Benzene	5.79	78	280095	4.699 ug/L	100
34) Trichloroethene	6.55	95	72814	4.554 ug/L	92
35) Methylcyclohexane	6.77	83	101277	4.137 ug/L	99
37) 1,2-Dichloropropane	6.80	63	75509	4.679 ug/L	99
38) Bromodichloromethane	7.11	83	99246	4.505 ug/L	97
39) cis-1,3-Dichloropropene	7.61	75	107280	4.507 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	555610	41.960 ug/L	99
42) Toluene	7.98	91	295898	4.821 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	95456	4.328 ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	55044	4.682 ug/L	97
47) Tetrachloroethene	8.56	164	53825	5.125 ug/L	98
48) 2-Hexanone	8.69	43	405616	41.994 ug/L	99
49) Dibromochloromethane	8.82	129	65209	4.621 ug/L	100
50) 1,2-Dibromoethane	8.93	107	50732	4.476 ug/L	93
51) Chlorobenzene	9.45	112	190750	5.005 ug/L	96
52) Ethylbenzene	9.57	91	325610	4.669 ug/L	99
53) m,p-Xylene	9.69	106	123414	4.970 ug/L	98
54) o-Xylene	10.10	106	118164	4.994 ug/L	95
55) Styrene	10.11	104	210921	5.126 ug/L	96
56) Isopropylbenzene	10.48	105	319418	4.950 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	69643	4.620 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	52184	4.364 ug/L	99
61) Bromoform	10.29	173	35838	4.504 ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	153697	4.847 ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	155485	4.846 ug/L	96
65) 1,2-Dichlorobenzene	12.21	146	145903	4.755 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	10942	3.334 ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	106293	4.767 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	85252	4.439 ug/L	97
69) Naphthalene	14.08	128	133921	3.345 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	80024	4.536 ug/L	96

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

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