Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091620\
Data File : VU040159.D
Acq On : 16 Sep 2020 19:34
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Sep 17 01:12:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 01:09:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116638	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111753	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55812	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	31481	4.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.80%			
7) Chloroethane-d5	1.92	69	27948	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.40%			
11) 1,1-Dichloroethene-d2	2.58	63	79317	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.00%			
20) 2-Butanone-d5	4.66	46	112152	44.03	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.06%			
24) Chloroform-d	5.08	84	67464	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.72	65	41575	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
32) Benzene-d6	5.75	84	126896	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.70	67	40797	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.80%			
41) Toluene-d8	7.91	98	112682	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
43) trans-1,3-Dichloropropene-	8.19	79	17735	4.49	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.80%			
46) 2-Hexanone-d5	8.64	63	86816	46.39	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.78%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37314	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	40531	4.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	58517	5.055	ug/L	99
3) Chloromethane	1.53	50	52176	4.708	ug/L	98
5) Vinyl chloride	1.61	62	54936	4.890	ug/L	99
6) Bromomethane	1.87	94	26798	4.666	ug/L	98
8) Chloroethane	1.94	64	33375	4.943	ug/L	98
9) Trichlorofluoromethane	2.15	101	84658	5.260	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	55235	5.295	ug/L	99
12) 1,1-Dichloroethene	2.59	96	48564	5.380	ug/L	92
13) Acetone	2.67	43	116088	49.232	ug/L	100
14) Carbon disulfide	2.81	76	136187	4.705	ug/L	99
15) Methyl Acetate	2.97	43	27898	4.714	ug/L	98
16) Methylene chloride	3.06	84	57607	4.873	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	130691	4.804	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	49143	5.061	ug/L	94
19) 1,1-Dichloroethane	3.89	63	102887	5.148	ug/L	99
21) 2-Butanone	4.74	43	187014	48.579	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	54853	5.254	ug/L	96

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Data File : VU040159.D
Acq On : 16 Sep 2020 19:34
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Sep 17 01:12:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 01:09:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	25153	5.498	ug/L	95
25) Chloroform	5.11	83	112245	5.484	ug/L	98
27) 1,2-Dichloroethane	5.81	62	76150	5.078	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	92144	5.251	ug/L	99
30) Cyclohexane	5.40	56	81336	4.780	ug/L	98
31) Carbon tetrachloride	5.54	117	78049	5.198	ug/L	99
33) Benzene	5.79	78	215244	5.384	ug/L	100
34) Trichloroethene	6.56	95	55981	5.220	ug/L	96
35) Methylcyclohexane	6.77	83	77334	4.709	ug/L	100
37) 1,2-Dichloropropane	6.80	63	57014	5.267	ug/L	99
38) Bromodichloromethane	7.12	83	76700	5.190	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	77157	4.833	ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	438015	49.315	ug/L	99
42) Toluene	7.98	91	224121	5.444	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	72499	4.901	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	43306	5.491	ug/L	96
47) Tetrachloroethene	8.56	164	37791	5.365	ug/L	97
48) 2-Hexanone	8.69	43	323628	49.951	ug/L	98
49) Dibromochloromethane	8.82	129	50319	5.316	ug/L	96
50) 1,2-Dibromoethane	8.93	107	40547	5.333	ug/L	92
51) Chlorobenzene	9.45	112	140650	5.502	ug/L	97
52) Ethylbenzene	9.57	91	243355	5.202	ug/L	97
53) m,p-Xylene	9.69	106	91700	5.506	ug/L	97
54) o-Xylene	10.10	106	89079	5.613	ug/L	91
55) Styrene	10.11	104	152987	5.543	ug/L	99
56) Isopropylbenzene	10.48	105	238044	5.499	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	54408	5.381	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	40985	5.110	ug/L	99
61) Bromoform	10.29	173	26019	5.083	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	107650	5.277	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	109986	5.328	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	106111	5.376	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	9087	4.304	ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	72131	5.029	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	60230	4.875	ug/L	98
69) Naphthalene	14.08	128	106741	4.145	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	55854	4.922	ug/L	97

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

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