Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082620\
Data File : VU039977.D
Acq On : 26 Aug 2020 10:06
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Aug 27 00:47:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 26 14:32:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	76759	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	72736	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38575	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.60	65	27818	4.15	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.00%				
7) Chloroethane-d5	1.92	69	25188	4.54	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%				
11) 1,1-Dichloroethene-d2	2.58	63	63420	4.89	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.80%				
20) 2-Butanone-d5	4.66	46	100138	46.73	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.46%				
24) Chloroform-d	5.08	84	62227	5.14	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%				
26) 1,2-Dichloroethane-d4	5.72	65	36649	5.12	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%				
32) Benzene-d6	5.74	84	111192	5.13	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%				
36) 1,2-Dichloropropane-d6	6.70	67	36184	5.06	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.20%				
41) Toluene-d8	7.90	98	100385	5.29	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%				
43) trans-1,3-Dichloropropene-	8.19	79	15902	5.30	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.00%				
46) 2-Hexanone-d5	8.64	63	74072	48.70	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.40%				
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29404	4.63	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.60%				
64) 1,2-Dichlorobenzene-d4	12.19	152	38572	5.07	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	41933	5.256	ug/L		99
3) Chloromethane	1.53	50	37867	4.195	ug/L		96
5) Vinyl chloride	1.61	62	39480	4.623	ug/L		96
6) Bromomethane	1.87	94	17823	3.655	ug/L		98
8) Chloroethane	1.94	64	25153	4.606	ug/L		99
9) Trichlorofluoromethane	2.15	101	63452	4.967	ug/L		97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	37049	5.272	ug/L		95
12) 1,1-Dichloroethene	2.59	96	32120	4.784	ug/L		93
13) Acetone	2.67	43	75307	51.435	ug/L	#	46
14) Carbon disulfide	2.81	76	97714	4.504	ug/L		99
15) Methyl Acetate	2.97	43	17563	4.673	ug/L		95
16) Methylene chloride	3.06	84	38548	4.176	ug/L		99
17) Methyl tert-butyl Ether	3.38	73	87713	5.181	ug/L		97
18) trans-1,2-Dichloroethene	3.37	96	32533	4.666	ug/L		86
19) 1,1-Dichloroethane	3.89	63	67404	5.215	ug/L		99
21) 2-Butanone	4.74	43	123967	48.730	ug/L		98
22) cis-1,2-Dichloroethene	4.68	96	36368	4.982	ug/L		93

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Data File : VU039977.D
Acq On : 26 Aug 2020 10:06
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Aug 27 00:47:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 26 14:32:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.00	128	16816	4.898	ug/L		96
25) Chloroform	5.11	83	72119	5.505	ug/L		97
27) 1,2-Dichloroethane	5.81	62	51411	5.592	ug/L		95
29) 1,1,1-Trichloroethane	5.33	97	61003	5.702	ug/L		99
30) Cyclohexane	5.40	56	55895	5.277	ug/L		98
31) Carbon tetrachloride	5.54	117	53663	5.681	ug/L		99
33) Benzene	5.79	78	139359	5.272	ug/L		100
34) Trichloroethene	6.55	95	36191	5.276	ug/L		97
35) Methylcyclohexane	6.77	83	55685	5.299	ug/L		97
37) 1,2-Dichloropropane	6.80	63	38198	5.438	ug/L		98
38) Bromodichloromethane	7.11	83	50758	5.686	ug/L		98
39) cis-1,3-Dichloropropene	7.61	75	53629	5.463	ug/L		99
40) 4-Methyl-2-pentanone	7.80	43	284688	51.175	ug/L		98
42) Toluene	7.98	91	142689	5.278	ug/L		98
44) trans-1,3-Dichloropropene	8.21	75	49769	5.395	ug/L		94
45) 1,1,2-Trichloroethane	8.40	97	27472	5.147	ug/L		98
47) Tetrachloroethene	8.56	164	28258	5.584	ug/L		95
48) 2-Hexanone	8.69	43	204270	51.240	ug/L		98
49) Dibromochloromethane	8.81	129	33353	5.234	ug/L		100
50) 1,2-Dibromoethane	8.93	107	26128	5.140	ug/L	#	94
51) Chlorobenzene	9.45	112	91359	5.176	ug/L		97
52) Ethylbenzene	9.57	91	158679	5.396	ug/L		100
53) m,p-Xylene	9.69	106	59299	5.254	ug/L		89
54) o-Xylene	10.10	106	57268	5.368	ug/L		90
55) Styrene	10.11	104	99120	5.360	ug/L		95
56) Isopropylbenzene	10.48	105	154074	5.388	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.78	83	33565	4.870	ug/L		97
59) 1,2,3-Trichloropropane	10.82	75	24981	4.963	ug/L		97
61) Bromoform	10.29	173	19342	5.693	ug/L		98
62) 1,3-Dichlorobenzene	11.74	146	74455	5.213	ug/L		100
63) 1,4-Dichlorobenzene	11.83	146	75552	5.195	ug/L		96
65) 1,2-Dichlorobenzene	12.21	146	69689	5.056	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.99	75	6343	5.627	ug/L	#	88
67) 1,3,5-Trichlorobenzene	13.21	180	57350	5.407	ug/L		97
68) 1,2,4-trichlorobenzene	13.83	180	49396	5.459	ug/L		99
69) Naphthalene	14.08	128	79628	4.764	ug/L		98
70) 1,2,3-Trichlorobenzene	14.32	180	44678	5.284	ug/L		96

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

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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