Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
Data File : VU042650.D
Acq On : 13 Mar 2021 08:25
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: Mar 15 01:12:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 13 06:39:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	62570	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	63313	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	31988	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18113	4.34	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.80%			
7) Chloroethane-d5	1.919	69	16710	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.80%			
11) 1,1-Dichloroethene-d2	2.578	63	40583	4.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.20%			
20) 2-Butanone-d5	4.642	46	90267	65.91	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 131.82%#			
24) Chloroform-d	5.073	84	42504	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.710	65	30426	6.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 120.00%			
32) Benzene-d6	5.735	84	72733	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.700	67	24334	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.20%			
41) Toluene-d8	7.906	98	78257	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
43) trans-1,3-Dichloroprop...	8.189	79	10439	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.642	63	65795	58.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.48%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	26447	5.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 118.60%			
64) 1,2-Dichlorobenzene-d4	12.201	152	29358	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	27390	4.70	ug/L	97
3) Chloromethane	1.523	50	25960	4.71	ug/L	98
5) Vinyl chloride	1.607	62	25734	4.65	ug/L	100
6) Bromomethane	1.864	94	16511	5.40	ug/L	98
8) Chloroethane	1.941	64	18142	5.49	ug/L	91
9) Trichlorofluoromethane	2.144	101	46459	5.14	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	22081	4.65	ug/L	98
12) 1,1-Dichloroethene	2.588	96	20239	4.59	ug/L	89
13) Acetone	2.652	43	65697	62.25	ug/L	96
14) Carbon disulfide	2.800	76	56142	4.00	ug/L	99
15) Methyl Acetate	2.964	43	14911	5.68	ug/L	98
16) Methylene chloride	3.054	84	24905	4.72	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	62861	5.07	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	20624	4.45	ug/L	96
19) 1,1-Dichloroethane	3.880	63	43851	4.91	ug/L	97
21) 2-Butanone	4.723	43	111046	61.90	ug/L	96
22) cis-1,2-Dichloroethene	4.678	96	23312	4.71	ug/L	97
23) Bromochloromethane	4.986	128	12789	5.43	ug/L	96
25) Chloroform	5.099	83	46936	5.00	ug/L	97

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.806	62	38486	5.46	ug/L	#	93
29) 1,1,1-Trichloroethane	5.324	97	40952	4.65	ug/L		96
30) Cyclohexane	5.398	56	36737	4.18	ug/L		98
31) Carbon tetrachloride	5.533	117	34844	4.49	ug/L		99
33) Benzene	5.784	78	92867	4.69	ug/L		100
34) Trichloroethene	6.549	95	24308	4.43	ug/L		99
35) Methylcyclohexane	6.771	83	34147	4.09	ug/L		98
37) 1,2-Dichloropropane	6.800	63	26062	4.87	ug/L	#	97
38) Bromodichloromethane	7.115	83	33704	4.83	ug/L		99
39) cis-1,3-Dichloropropene	7.616	75	33519	4.30	ug/L		99
40) 4-Methyl-2-pentanone	7.800	43	278078	59.64	ug/L		96
42) Toluene	7.976	91	101294	4.69	ug/L		97
44) trans-1,3-Dichloropropene	8.218	75	31349	4.36	ug/L		97
45) 1,1,2-Trichloroethane	8.407	97	21360	5.42	ug/L		98
47) Tetrachloroethene	8.562	164	20370	4.55	ug/L		96
48) 2-Hexanone	8.693	43	211251	61.41	ug/L		94
49) Dibromochloromethane	8.819	129	25274	5.12	ug/L		97
50) 1,2-Dibromoethane	8.931	107	21024	5.41	ug/L		98
51) Chlorobenzene	9.452	112	63883	4.63	ug/L		98
52) Ethylbenzene	9.578	91	107114	4.40	ug/L		99
53) m,p-Xylene	9.700	106	39767	4.42	ug/L		97
54) o-Xylene	10.108	106	39352	4.51	ug/L		95
55) Styrene	10.121	104	67514	4.55	ug/L		99
56) Isopropylbenzene	10.491	105	103794	4.33	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.790	83	29775	5.64	ug/L		99
59) 1,2,3-Trichloropropane	10.832	75	22417	5.58	ug/L		99
61) Bromoform	10.298	173	16600	5.75	ug/L		100
62) 1,3-Dichlorobenzene	11.751	146	52092	4.72	ug/L		99
63) 1,4-Dichlorobenzene	11.844	146	51906	4.72	ug/L		98
65) 1,2-Dichlorobenzene	12.221	146	53548	5.04	ug/L		97
66) 1,2-Dibromo-3-chloropr...	13.005	75	5399	6.05	ug/L		87
67) 1,3,5-Trichlorobenzene	13.227	180	38953	4.07	ug/L		99
68) 1,2,4-trichlorobenzene	13.848	180	30386	3.84	ug/L		98
69) Naphthalene	14.095	128	58596	4.55	ug/L		98
70) 1,2,3-Trichlorobenzene	14.336	180	32234	4.49	ug/L		99

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

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