Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033120\
Data File : VU037499.D
Acq On : 31 Mar 2020 14:19
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Apr 01 01:24:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 31 14:17:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	92315	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	86191	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	41635	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	32923	4.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.20%			
7) Chloroethane-d5	1.93	69	27864	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%			
11) 1,1-Dichloroethene-d2	2.59	63	64395	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.80%			
20) 2-Butanone-d5	4.68	46	102367	49.29	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.58%			
24) Chloroform-d	5.11	84	63846	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.74	65	35251	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.76	84	122877	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.72	67	41630	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.92	98	112695	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
43) trans-1,3-Dichloropropene-	8.20	79	17828	4.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.60%			
46) 2-Hexanone-d5	8.66	63	85747	50.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.32%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	33744	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	12.21	152	39411	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	33549	4.805	ug/L	99
3) Chloromethane	1.53	50	34674	4.950	ug/L	98
5) Vinyl chloride	1.62	62	36597	4.843	ug/L	100
6) Bromomethane	1.87	94	19196	4.994	ug/L	98
8) Chloroethane	1.95	64	20991	4.846	ug/L	96
9) Trichlorofluoromethane	2.16	101	49548	4.712	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	29249	4.809	ug/L	98
12) 1,1-Dichloroethene	2.60	96	29168	4.714	ug/L	83
13) Acetone	2.68	43	57069	48.552	ug/L	99
14) Carbon disulfide	2.82	76	98195	4.767	ug/L	100
15) Methyl Acetate	2.99	43	15462	4.830	ug/L	100
16) Methylene chloride	3.08	84	32755	4.743	ug/L	97
17) Methyl tert-butyl Ether	3.41	73	83015	4.858	ug/L	96
18) trans-1,2-Dichloroethene	3.39	96	31375	4.853	ug/L	98
19) 1,1-Dichloroethane	3.91	63	58497	4.791	ug/L	98
21) 2-Butanone	4.76	43	101492	49.091	ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	33643	4.679	ug/L	89

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Apr 01 01:24:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 31 14:17:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.02	128	14963	5.044	ug/L		97
25) Chloroform	5.13	83	59812	4.841	ug/L		100
27) 1,2-Dichloroethane	5.83	62	40908	4.892	ug/L	#	95
29) 1,1,1-Trichloroethane	5.36	97	52791	4.827	ug/L		100
30) Cyclohexane	5.43	56	58041	4.898	ug/L		99
31) Carbon tetrachloride	5.56	117	43789	4.859	ug/L		99
33) Benzene	5.81	78	128974	4.805	ug/L		100
34) Trichloroethene	6.57	95	33916	4.745	ug/L		94
35) Methylcyclohexane	6.79	83	56189	4.800	ug/L		97
37) 1,2-Dichloropropane	6.82	63	35374	4.971	ug/L		99
38) Bromodichloromethane	7.14	83	45159	4.802	ug/L		97
39) cis-1,3-Dichloropropene	7.64	75	54069	4.888	ug/L		100
40) 4-Methyl-2-pentanone	7.82	43	253536	47.813	ug/L		99
42) Toluene	8.00	91	138038	4.877	ug/L		98
44) trans-1,3-Dichloropropene	8.24	75	47764	4.871	ug/L		99
45) 1,1,2-Trichloroethane	8.42	97	24089	4.745	ug/L		95
47) Tetrachloroethene	8.58	164	21705	4.627	ug/L		96
48) 2-Hexanone	8.71	43	186551	48.748	ug/L		99
49) Dibromochloromethane	8.83	129	29908	4.813	ug/L		91
50) 1,2-Dibromoethane	8.95	107	23926	4.745	ug/L		91
51) Chlorobenzene	9.47	112	83617	4.741	ug/L		96
52) Ethylbenzene	9.59	91	155691	4.734	ug/L		100
53) m,p-Xylene	9.71	106	58824	4.811	ug/L		97
54) o-Xylene	10.12	106	56299	4.858	ug/L		98
55) Styrene	10.13	104	98046	4.860	ug/L		99
56) Isopropylbenzene	10.50	105	152546	4.877	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.80	83	32795	4.756	ug/L	#	98
59) 1,2,3-Trichloropropane	10.84	75	24534	5.014	ug/L		100
61) Bromoform	10.31	173	16544	4.747	ug/L		96
62) 1,3-Dichlorobenzene	11.76	146	65405	4.758	ug/L		99
63) 1,4-Dichlorobenzene	11.85	146	64883	4.662	ug/L		96
65) 1,2-Dichlorobenzene	12.23	146	63532	4.910	ug/L		98
66) 1,2-Dibromo-3-chloropropan	13.02	75	6569	4.873	ug/L		94
67) 1,3,5-Trichlorobenzene	13.24	180	47146	4.901	ug/L		97
68) 1,2,4-trichlorobenzene	13.87	180	44912	4.829	ug/L		94
69) Naphthalene	14.12	128	105028	4.951	ug/L		99
70) 1,2,3-Trichlorobenzene	14.36	180	40868	4.985	ug/L		100

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

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