Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041339.D
Acq On : 19 Nov 2020 13:19
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: Nov 20 03:39:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66912	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65445	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33563	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	20237	4.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.20%			
7) Chloroethane-d5	1.92	69	19137	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.00%			
11) 1,1-Dichloroethene-d2	2.58	63	48692	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.80%			
20) 2-Butanone-d5	4.66	46	102548	50.53	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.06%			
24) Chloroform-d	5.08	84	58953	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.80%			
26) 1,2-Dichloroethane-d4	5.72	65	36723	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
32) Benzene-d6	5.74	84	100847	5.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.40%			
36) 1,2-Dichloropropane-d6	6.70	67	33569	5.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.40%			
41) Toluene-d8	7.90	98	94673	5.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.00%			
43) trans-1,3-Dichloropropene-	8.19	79	15418	5.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 117.80%			
46) 2-Hexanone-d5	8.64	63	75757	54.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.40%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30033	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	35850	5.47	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	26180	4.740	ug/L	100
3) Chloromethane	1.52	50	23235	3.906	ug/L	98
5) Vinyl chloride	1.61	62	25526	4.394	ug/L	100
6) Bromomethane	1.86	94	15182	4.406	ug/L	95
8) Chloroethane	1.94	64	16368	4.245	ug/L	99
9) Trichlorofluoromethane	2.15	101	43875	4.849	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	23845	4.838	ug/L	93
12) 1,1-Dichloroethene	2.59	96	20509	4.709	ug/L	99
13) Acetone	2.67	43	60717	45.101	ug/L #	60
14) Carbon disulfide	2.80	76	52687	4.110	ug/L	99
15) Methyl Acetate	2.97	43	11932	4.267	ug/L	99
16) Methylene chloride	3.06	84	31348	5.740	ug/L	91
17) Methyl tert-butyl Ether	3.38	73	60241	5.052	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	21513	5.071	ug/L	97
19) 1,1-Dichloroethane	3.89	63	46678	4.922	ug/L	98
21) 2-Butanone	4.74	43	89735	43.903	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	23787	4.965	ug/L	93

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ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

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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	11798	4.966 ug/L	90
25) Chloroform	5.10	83	51024	4.961 ug/L	99
27) 1,2-Dichloroethane	5.81	62	36620	4.952 ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	44209	5.527 ug/L	96
30) Cyclohexane	5.40	56	32589	4.931 ug/L	95
31) Carbon tetrachloride	5.54	117	38661	5.574 ug/L	99
33) Benzene	5.79	78	95828	5.403 ug/L	100
34) Trichloroethene	6.55	95	24880	5.191 ug/L	97
35) Methylcyclohexane	6.77	83	33670	5.288 ug/L	96
37) 1,2-Dichloropropane	6.80	63	27534	5.311 ug/L	99
38) Bromodichloromethane	7.11	83	38067	5.618 ug/L #	98
39) cis-1,3-Dichloropropene	7.61	75	38163	5.278 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	205953	48.007 ug/L	99
42) Toluene	7.97	91	103815	5.477 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	36528	5.341 ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	20129	5.021 ug/L	95
47) Tetrachloroethene	8.56	164	18455	5.211 ug/L	100
48) 2-Hexanone	8.69	43	155389	48.522 ug/L	99
49) Dibromochloromethane	8.81	129	25250	5.315 ug/L	97
50) 1,2-Dibromoethane	8.93	107	18617	5.005 ug/L	98
51) Chlorobenzene	9.45	112	67039	5.340 ug/L	96
52) Ethylbenzene	9.57	91	109389	5.404 ug/L	100
53) m,p-Xylene	9.69	106	41169	5.628 ug/L	95
54) o-Xylene	10.10	106	38915	5.523 ug/L	91
55) Styrene	10.11	104	69058	5.535 ug/L	99
56) Isopropylbenzene	10.48	105	111096	5.952 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	26235	5.006 ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	20900	5.112 ug/L	95
61) Bromoform	10.29	173	14928	4.857 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	53434	5.291 ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	52586	5.053 ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	51621	5.139 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4678	5.016 ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	37163	5.167 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	28871	4.832 ug/L	97
69) Naphthalene	14.08	128	45826	4.737 ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	27880	5.025 ug/L	96

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

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