Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071420\
Data File : VU039493.D
Acq On : 14 Jul 2020 18:34
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00520

Quant Time: Jul 15 06:25:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 06:21:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	91093	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	89645	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44510	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	29559	5.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.00%			
7) Chloroethane-d5	1.93	69	33822	6.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 125.20%			
11) 1,1-Dichloroethene-d2	2.58	63	58136	5.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 112.00%			
20) 2-Butanone-d5	4.65	46	122518	50.72	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.44%			
24) Chloroform-d	5.09	84	57608	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
26) 1,2-Dichloroethane-d4	5.72	65	39509	5.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.00%			
32) Benzene-d6	5.75	84	118630	5.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.00%			
36) 1,2-Dichloropropane-d6	6.71	67	40458	5.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.80%			
41) Toluene-d8	7.91	98	108661	5.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.20%			
43) trans-1,3-Dichloropropene-	8.19	79	17124	5.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.20%			
46) 2-Hexanone-d5	8.64	63	95757	48.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.42%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	37518	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	43097	5.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	30001	5.434	ug/L	97
3) Chloromethane	1.53	50	32440	4.850	ug/L	99
5) Vinyl chloride	1.61	62	35137	4.731	ug/L	98
6) Bromomethane	1.87	94	21467	6.711	ug/L	90
8) Chloroethane	1.94	64	29460	5.490	ug/L	96
9) Trichlorofluoromethane	2.15	101	63092	4.892	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	26232	4.956	ug/L	99
12) 1,1-Dichloroethene	2.59	96	25721	4.748	ug/L	91
13) Acetone	2.66	43	63381	48.608	ug/L	99
14) Carbon disulfide	2.81	76	81914	4.292	ug/L	99
15) Methyl Acetate	2.97	43	17570	5.101	ug/L	94
16) Methylene chloride	3.06	84	32928	4.832	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	85485	5.008	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	28751	4.794	ug/L	98
19) 1,1-Dichloroethane	3.89	63	57734	4.920	ug/L	98
21) 2-Butanone	4.73	43	114504	49.200	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	32911	4.894	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	14958	4.896	ug/L	88
25) Chloroform	5.11	83	66865	5.642	ug/L	97
27) 1,2-Dichloroethane	5.81	62	44753	5.221	ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	50625	4.795	ug/L	98
30) Cyclohexane	5.41	56	48543	4.367	ug/L	99
31) Carbon tetrachloride	5.54	117	41043	4.556	ug/L	100
33) Benzene	5.79	78	124626	4.650	ug/L	100
34) Trichloroethene	6.56	95	32040	4.624	ug/L	97
35) Methylcyclohexane	6.78	83	47787	4.305	ug/L	98
37) 1,2-Dichloropropane	6.81	63	35159	4.812	ug/L	100
38) Bromodichloromethane	7.12	83	43569	4.670	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	50931	4.611	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	294531	48.324	ug/L	98
42) Toluene	7.98	91	135612	4.725	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	45313	4.624	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	25104	4.784	ug/L	94
47) Tetrachloroethene	8.56	164	22980	4.768	ug/L	98
48) 2-Hexanone	8.69	43	214097	47.640	ug/L	99
49) Dibromochloromethane	8.82	129	30534	4.804	ug/L	99
50) 1,2-Dibromoethane	8.93	107	26023	4.881	ug/L	99
51) Chlorobenzene	9.45	112	84690	4.829	ug/L	99
52) Ethylbenzene	9.57	91	149147	4.702	ug/L	99
53) m,p-Xylene	9.70	106	54209	4.536	ug/L	94
54) o-Xylene	10.10	106	55668	4.785	ug/L	97
55) Styrene	10.12	104	93803	4.634	ug/L	97
56) Isopropylbenzene	10.48	105	146798	4.665	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	35541	4.866	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	25476	4.731	ug/L	97
61) Bromoform	10.29	173	17261	4.601	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	65012	4.661	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	64567	4.614	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	65800	4.706	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	5516	4.466	ug/L	90
67) 1,3,5-Trichlorobenzene	13.21	180	46020	4.409	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	39842	4.461	ug/L	96
69) Naphthalene	14.08	128	71212	3.962	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	37476	4.528	ug/L	98

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

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