Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090420\
Data File : VU040045.D
Acq On : 04 Sep 2020 14:32
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Sep 05 02:59:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 05 02:51:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119250	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116028	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59080	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	29073	4.47	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.40%			
7) Chloroethane-d5	1.92	69	26644	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.20%			
11) 1,1-Dichloroethene-d2	2.58	63	77978	4.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.40%			
20) 2-Butanone-d5	4.65	46	142155	54.59	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.18%			
24) Chloroform-d	5.08	84	77722	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.72	65	44730	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
32) Benzene-d6	5.74	84	137189	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.70	67	44696	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	7.91	98	124084	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
43) trans-1,3-Dichloropropene-	8.18	79	19815	4.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.60%			
46) 2-Hexanone-d5	8.64	63	108692	55.94	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.88%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41397	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	49998	5.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	55426	4.683	ug/L	99
3) Chloromethane	1.53	50	57546	5.079	ug/L	98
5) Vinyl chloride	1.61	62	54192	4.718	ug/L	98
6) Bromomethane	1.86	94	32305	5.502	ug/L	91
8) Chloroethane	1.94	64	33545	4.859	ug/L	100
9) Trichlorofluoromethane	2.15	101	82200	4.996	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	54089	5.071	ug/L	99
12) 1,1-Dichloroethene	2.59	96	46093	4.995	ug/L	94
13) Acetone	2.66	43	119450	49.548	ug/L	98
14) Carbon disulfide	2.81	76	138156	4.669	ug/L	100
15) Methyl Acetate	2.97	43	29773	4.921	ug/L	96
16) Methylene chloride	3.06	84	53525	4.429	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	134587	4.839	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	48794	4.915	ug/L	99
19) 1,1-Dichloroethane	3.89	63	99379	4.863	ug/L	96
21) 2-Butanone	4.73	43	198873	50.528	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	53292	4.992	ug/L	98

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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	23426	5.009	ug/L	98
25) Chloroform	5.11	83	105172	5.026	ug/L	99
27) 1,2-Dichloroethane	5.81	62	76064	4.961	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	90052	4.943	ug/L	99
30) Cyclohexane	5.40	56	83183	4.709	ug/L	98
31) Carbon tetrachloride	5.54	117	76067	4.879	ug/L	97
33) Benzene	5.79	78	208675	5.027	ug/L	100
34) Trichloroethene	6.55	95	55991	5.029	ug/L	98
35) Methylcyclohexane	6.77	83	81751	4.795	ug/L	99
37) 1,2-Dichloropropane	6.80	63	58226	5.180	ug/L	99
38) Bromodichloromethane	7.11	83	76798	5.005	ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	78677	4.747	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	472103	51.194	ug/L	99
42) Toluene	7.97	91	222749	5.211	ug/L	97
44) trans-1,3-Dichloropropene	8.22	75	76528	4.982	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	41763	5.101	ug/L	98
47) Tetrachloroethene	8.56	164	36701	5.018	ug/L	98
48) 2-Hexanone	8.69	43	341065	50.703	ug/L	99
49) Dibromochloromethane	8.82	129	48572	4.942	ug/L	98
50) 1,2-Dibromoethane	8.93	107	41077	5.203	ug/L	99
51) Chlorobenzene	9.45	112	140291	5.286	ug/L	97
52) Ethylbenzene	9.57	91	245710	5.059	ug/L	100
53) m,p-Xylene	9.69	106	91246	5.277	ug/L	99
54) o-Xylene	10.10	106	88187	5.352	ug/L	97
55) Styrene	10.11	104	155958	5.442	ug/L	96
56) Isopropylbenzene	10.48	105	242159	5.388	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	54279	5.170	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	42430	5.096	ug/L	97
61) Bromoform	10.29	173	25374	4.683	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	108072	5.005	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	109891	5.029	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	103978	4.976	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	10504	4.700	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	76239	5.021	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	64178	4.907	ug/L	98
69) Naphthalene	14.08	128	121175	4.445	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	57928	4.822	ug/L	97

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

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