Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
Data File : VU039773.D
Acq On : 07 Aug 2020 00:09
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00512

Quant Time: Aug 07 04:32:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 04:28:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	86300	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	84521	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43575	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	23610	5.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.40%			
7) Chloroethane-d5	1.92	69	21610	4.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.80%			
11) 1,1-Dichloroethene-d2	2.58	63	47681	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.60%			
20) 2-Butanone-d5	4.66	46	96195	46.93	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.86%			
24) Chloroform-d	5.09	84	54351	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.72	65	31211	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
32) Benzene-d6	5.75	84	94747	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.70	67	33082	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.91	98	79929	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
43) trans-1,3-Dichloropropene-	8.19	79	9905	3.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.00%			
46) 2-Hexanone-d5	8.64	63	66697	46.68	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.36%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29623	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	34846	4.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	32422	4.659	ug/L	99
3) Chloromethane	1.53	50	30245	4.133	ug/L	93
5) Vinyl chloride	1.61	62	33538	4.780	ug/L	98
6) Bromomethane	1.86	94	10955	2.467	ug/L	99
8) Chloroethane	1.94	64	21107	4.102	ug/L	93
9) Trichlorofluoromethane	2.15	101	51677	4.736	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	27842	4.702	ug/L	96
12) 1,1-Dichloroethene	2.59	96	27405	5.324	ug/L	96
13) Acetone	2.67	43	51159	42.339	ug/L	58
14) Carbon disulfide	2.81	76	77968	4.844	ug/L	98
15) Methyl Acetate	2.98	43	13688	4.593	ug/L	98
16) Methylene chloride	3.06	84	29311	3.532	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	62963	4.606	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	26426	4.611	ug/L	92
19) 1,1-Dichloroethane	3.89	63	51098	4.829	ug/L	97
21) 2-Butanone	4.75	43	89882	47.202	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	35589	5.709	ug/L	97

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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	14026	4.790 ug/L	99
25) Chloroform	5.11	83	52399	4.607 ug/L	93
27) 1,2-Dichloroethane	5.81	62	35784	4.565 ug/L	97
29) 1,1,1-Trichloroethane	5.34	97	44202	4.688 ug/L	98
30) Cyclohexane	5.40	56	42342	4.667 ug/L	98
31) Carbon tetrachloride	5.54	117	40447	4.676 ug/L	100
33) Benzene	5.79	78	110589	4.802 ug/L	100
34) Trichloroethene	6.56	95	28392	4.747 ug/L	97
35) Methylcyclohexane	6.77	83	41447	4.342 ug/L	98
37) 1,2-Dichloropropane	6.80	63	29018	4.744 ug/L	100
38) Bromodichloromethane	7.12	83	37171	4.645 ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	31740	3.805 ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	210634	46.083 ug/L	99
42) Toluene	7.98	91	114645	4.737 ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	28021	3.729 ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	21852	4.750 ug/L	95
47) Tetrachloroethene	8.56	164	21805	4.420 ug/L	96
48) 2-Hexanone	8.69	43	152161	46.101 ug/L	98
49) Dibromochloromethane	8.82	129	25877	4.583 ug/L	99
50) 1,2-Dibromoethane	8.93	107	21425	4.749 ug/L	98
51) Chlorobenzene	9.45	112	74499	4.581 ug/L	95
52) Ethylbenzene	9.57	91	120250	4.440 ug/L	99
53) m,p-Xylene	9.69	106	48549	4.707 ug/L	98
54) o-Xylene	10.10	106	46297	4.584 ug/L	91
55) Styrene	10.11	104	79250	4.660 ug/L	96
56) Isopropylbenzene	10.48	105	115704	4.287 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	27207	4.298 ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	20446	4.634 ug/L	99
61) Bromoform	10.29	173	13887	4.717 ug/L	93
62) 1,3-Dichlorobenzene	11.74	146	60235	4.723 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	58630	4.361 ug/L	96
65) 1,2-Dichlorobenzene	12.21	146	57532	4.579 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	4392	4.624 ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	41060	4.248 ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	34803	4.297 ug/L	99
69) Naphthalene	14.08	128	65711	4.537 ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	33735	4.642 ug/L	97

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

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