Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042320\
Data File : VV015665.D
Acq On : 23 Apr 2020 16:13
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00560

Quant Time: Apr 24 03:32:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 24 03:28:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134917	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	130357	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	66713	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	30992	4.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%			
7) Chloroethane-d5	1.57	69	30408	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.60%			
11) 1,1-Dichloroethene-d2	2.12	63	71048	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.00%			
20) 2-Butanone-d5	3.94	46	112467	49.68	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.36%			
24) Chloroform-d	4.38	84	76089	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.06	65	43184	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.07	84	141200	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.09	67	44704	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.00%			
41) Toluene-d8	7.34	98	134242	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	7.64	79	16670	4.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%			
46) 2-Hexanone-d5	8.11	63	90527	48.29	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.58%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	35048	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	51207	4.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	55657	4.816	ug/L	99
3) Chloromethane	1.24	50	50740	5.075	ug/L	100
5) Vinyl chloride	1.32	62	53280	4.990	ug/L	100
6) Bromomethane	1.53	94	21183	4.621	ug/L	95
8) Chloroethane	1.59	64	33144	4.726	ug/L	99
9) Trichlorofluoromethane	1.76	101	74893	4.998	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	42354	4.996	ug/L	97
12) 1,1-Dichloroethene	2.13	96	39450	5.024	ug/L	95
13) Acetone	2.23	43	77691	49.421	ug/L	99
14) Carbon disulfide	2.30	76	104513	4.708	ug/L	99
15) Methyl Acetate	2.46	43	19925	5.330	ug/L	95
16) Methylene chloride	2.52	84	44973	4.639	ug/L	98
17) Methyl tert-butyl Ether	2.79	73	111962	5.079	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	43721	4.973	ug/L	95
19) 1,1-Dichloroethane	3.21	63	86504	5.011	ug/L	99
21) 2-Butanone	4.02	43	124627	51.397	ug/L	100
22) cis-1,2-Dichloroethene	3.94	96	46781	4.812	ug/L	96

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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	4.27	128	20412	5.141 ug/L	97
25) Chloroform	4.40	83	92435	5.043 ug/L	98
27) 1,2-Dichloroethane	5.16	62	61004	5.066 ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	81415	4.925 ug/L	99
30) Cyclohexane	4.70	56	76034	4.814 ug/L	99
31) Carbon tetrachloride	4.85	117	65652	4.795 ug/L	98
33) Benzene	5.12	78	183345	4.923 ug/L	100
34) Trichloroethene	5.94	95	50322	4.893 ug/L	99
35) Methylcyclohexane	6.15	83	75117	4.759 ug/L	99
37) 1,2-Dichloropropane	6.20	63	47215	4.987 ug/L	99
38) Bromodichloromethane	6.53	83	57670	4.797 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	62780	4.758 ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	316024	51.436 ug/L	99
42) Toluene	7.41	91	196511	4.938 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	52798	4.761 ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	31926	4.948 ug/L	98
47) Tetrachloroethene	8.00	164	35071	4.736 ug/L	94
48) 2-Hexanone	8.16	43	226077	51.599 ug/L	99
49) Dibromochloromethane	8.27	129	31242	4.679 ug/L	97
50) 1,2-Dibromoethane	8.38	107	29096	4.876 ug/L	96
51) Chlorobenzene	8.90	112	126473	4.851 ug/L	98
52) Ethylbenzene	9.03	91	225016	4.886 ug/L	99
53) m,p-xylene	9.16	106	83594	4.956 ug/L	96
54) o-xylene	9.56	106	80844	4.953 ug/L	98
55) Styrene	9.58	104	139625	5.041 ug/L	100
56) Isopropylbenzene	9.95	105	224335	4.899 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	37827	5.021 ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	29708	4.915 ug/L	99
61) Bromoform	9.75	173	12102	4.395 ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	102168	4.839 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	104548	4.910 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	94595	4.954 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	6145	4.939 ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	74591	4.780 ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	66175	4.608 ug/L	97
69) Naphthalene	13.53	128	118706	4.619 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	59501	4.695 ug/L	97

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

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