Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091319\
Data File : VR026631.D
Acq On : 13 Sep 2019 11:00
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00569

Quant Time: Sep 14 06:48:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 13 05:35:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	399523	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	316360	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	147911	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.18	65	42995	3.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.40%			
7) Chloroethane-d5	2.64	69	40959	4.22	ug/L	0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.40%			
11) 1,1-Dichloroethene-d2	3.65	63	136193	4.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.80%			
20) 2-Butanone-d5	6.62	46	100321	42.14	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.28%			
24) Chloroform-d	7.22	84	192942	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
26) 1,2-Dichloroethane-d4	7.91	65	60810	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
32) Benzene-d6	7.87	84	352211	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
36) 1,2-Dichloropropane-d6	8.91	67	93236	4.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.20%			
41) Toluene-d8	9.99	98	285416	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
43) trans-1,3-Dichloropropene-	10.25	79	19837	4.16	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.20%			
46) 2-Hexanone-d5	10.60	63	67308	46.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.90%			
57) 1,1,2,2-Tetrachloroethane-	12.38	84	50626	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.20%			
64) 1,2-Dichlorobenzene-d4	13.53	152	82451	4.39	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	220794	4.889	ug/L	100
3) Chloromethane	2.06	50	94805	4.021	ug/L	99
5) Vinyl chloride	2.20	62	97187	4.113	ug/L	95
6) Bromomethane	2.54	94	65122	4.387	ug/L	95
8) Chloroethane	2.67	64	55144	4.046	ug/L	98
9) Trichlorofluoromethane	2.99	101	198802	4.864	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	88467	4.938	ug/L	100
12) 1,1-Dichloroethene	3.66	96	80022	4.540	ug/L	90
13) Acetone	3.72	43	78949	44.094	ug/L	96
14) Carbon disulfide	3.97	76	329720	4.370	ug/L #	95
15) Methyl Acetate	4.22	43	30713	4.084	ug/L #	86
16) Methylene chloride	4.43	84	153204	4.178	ug/L	98
17) Methyl tert-butyl Ether	4.93	73	160608	4.216	ug/L	97
18) trans-1,2-Dichloroethene	4.90	96	159833	4.340	ug/L	91
19) 1,1-Dichloroethane	5.72	63	290195	4.202	ug/L	97
21) 2-Butanone	6.71	43	142109	43.449	ug/L	99
22) cis-1,2-Dichloroethene	6.70	96	157569	4.464	ug/L	87

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00569

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.07	128	43507	4.432	ug/L		98
25) Chloroform	7.25	83	273485	4.132	ug/L		92
27) 1,2-Dichloroethane	8.01	62	101329	4.353	ug/L		95
29) 1,1,1-Trichloroethane	7.45	97	216826	4.260	ug/L		98
30) Cyclohexane	7.54	56	276394	5.094	ug/L		99
31) Carbon tetrachloride	7.66	117	200145	4.644	ug/L		99
33) Benzene	7.93	78	629644	4.489	ug/L		100
34) Trichloroethene	8.73	95	156658	4.483	ug/L		95
35) Methylcyclohexane	8.97	83	278473	5.293	ug/L		99
37) 1,2-Dichloropropane	9.01	63	123040	4.344	ug/L		98
38) Bromodichloromethane	9.30	83	133258	4.418	ug/L		97
39) cis-1,3-Dichloropropene	9.73	75	138851	4.624	ug/L		100
40) 4-Methyl-2-pentanone	9.88	43	332265	46.830	ug/L		97
42) Toluene	10.05	91	595185	4.858	ug/L		96
44) trans-1,3-Dichloropropene	10.28	75	88246	4.572	ug/L		96
45) 1,1,2-Trichloroethane	10.46	97	55572	4.604	ug/L		94
47) Tetrachloroethene	10.53	164	97017	4.703	ug/L		94
48) 2-Hexanone	10.65	43	205300	45.524	ug/L		97
49) Dibromochloromethane	10.80	129	58372	4.435	ug/L		100
50) 1,2-Dibromoethane	10.90	107	46172	4.409	ug/L	#	83
51) Chlorobenzene	11.33	112	324676	4.560	ug/L		97
52) Ethylbenzene	11.41	91	672215	4.837	ug/L		99
53) m,p-Xylene	11.52	106	248379	4.998	ug/L		97
54) o-Xylene	11.84	106	236980	4.832	ug/L		96
55) Styrene	11.86	104	349206	4.966	ug/L		97
56) Isopropylbenzene	12.15	105	708808	5.115	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.40	83	61312	4.384	ug/L		95
59) 1,2,3-Trichloropropane	12.45	75	44535	4.342	ug/L		98
61) Bromoform	12.02	173	23130	4.002	ug/L		97
62) 1,3-Dichlorobenzene	13.18	146	236437	4.496	ug/L		96
63) 1,4-Dichlorobenzene	13.26	146	232136	4.441	ug/L		97
65) 1,2-Dichlorobenzene	13.55	146	200535	4.500	ug/L		99
66) 1,2-Dibromo-3-chloropropan	14.16	75	9232	4.153	ug/L		95
67) 1,3,5-Trichlorobenzene	14.31	180	200336	4.702	ug/L		99
68) 1,2,4-trichlorobenzene	14.80	180	138116	4.595	ug/L		99
69) Naphthalene	15.02	128	173661	4.345	ug/L		99
70) 1,2,3-Trichlorobenzene	15.20	180	122204	4.590	ug/L		99

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

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