Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090519\
Data File : VV012580.D
Acq On : 05 Sep 2019 12:37
Operator : SY/MD
Sample : VSTD0.531
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Manual Integrations APPROVED
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9/6/2019 3:56:16 PM

Quant Time: Sep 06 02:50:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 06 02:40:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	141833	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	145481	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	58168	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	6389	0.46	ug/L		0.00
7) Chloroethane-d5	1.58	69	5757	0.42	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.13	63	14328	0.42	ug/L		0.00
20) 2-Butanone-d5	3.99	46	11058m	4.18	ug/L		0.03
24) Chloroform-d	4.41	84	8981	0.42	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.09	65	5257	0.47	ug/L		0.00
32) Benzene-d6	5.10	84	15632	0.38	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.12	67	4938	0.38	ug/L		0.00
41) Toluene-d8	7.36	98	11631	0.31	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.67	79	1802	0.38	ug/L		0.00
46) 2-Hexanone-d5	8.14	63	5214m	2.97	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	3839	0.42	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	4634	0.44	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	8417	0.465	ug/L		100
3) Chloromethane	1.25	50	10458	0.486	ug/L		97
5) Vinyl chloride	1.32	62	11043	0.475	ug/L		97
6) Bromomethane	1.54	94	7340	0.529	ug/L		97
8) Chloroethane	1.60	64	7783	0.487	ug/L		96
9) Trichlorofluoromethane	1.77	101	17743	0.498	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	9185	0.460	ug/L		97
12) 1,1-Dichloroethene	2.14	96	9170	0.497	ug/L		96
13) Acetone	2.23	43	18460	5.011	ug/L		79
14) Carbon disulfide	2.32	76	29042	0.488	ug/L		100
15) Methyl Acetate	2.47	43	4479	0.494	ug/L		93
16) Methylene chloride	2.53	84	13158	0.623	ug/L		89
17) Methyl tert-butyl Ether	2.81	73	15052	0.483	ug/L	#	88
18) trans-1,2-Dichloroethene	2.78	96	7270	0.492	ug/L		93
19) 1,1-Dichloroethane	3.23	63	13763	0.484	ug/L		99
21) 2-Butanone	4.08	43	17112m	4.805	ug/L		
22) cis-1,2-Dichloroethene	3.96	96	6671	0.440	ug/L		90
23) Bromochloromethane	4.30	128	3231	0.528	ug/L	#	85
25) Chloroform	4.43	83	17216	0.575	ug/L		97
27) 1,2-Dichloroethane	5.18	62	7943	0.456	ug/L		96
29) 1,1,1-Trichloroethane	4.65	97	11052m	0.457	ug/L		
30) Cyclohexane	4.72	56	9603	0.386	ug/L		95
31) Carbon tetrachloride	4.87	117	9503	0.449	ug/L		92
33) Benzene	5.14	78	25185	0.421	ug/L		100
34) Trichloroethene	5.96	95	7412	0.445	ug/L		94
35) Methylcyclohexane	6.17	83	8450	0.335	ug/L		86
37) 1,2-Dichloropropane	6.22	63	7639	0.474	ug/L	#	96
38) Bromodichloromethane	6.56	83	8859	0.438	ug/L	#	99
39) cis-1,3-Dichloropropene	7.07	75	7654	0.372	ug/L		95
40) 4-Methyl-2-pentanone	7.28	43	34993	3.786	ug/L		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.43	91	22820	0.349	ug/L		95
44) trans-1,3-Dichloropropene	7.70	75	6464	0.395	ug/L		95
45) 1,1,2-Trichloroethane	7.88	97	4741	0.470	ug/L		96
47) Tetrachloroethene	8.02	164	5214	0.436	ug/L		91
48) 2-Hexanone	8.20	43	21776	3.345	ug/L		97
49) Dibromochloromethane	8.29	129	5051	0.426	ug/L		80
50) 1,2-Dibromoethane	8.40	107	3839	0.426	ug/L	#	88
51) Chlorobenzene	8.92	112	16130	0.396	ug/L		95
52) Ethylbenzene	9.05	91	23548	0.334	ug/L		94
53) m,p-xylene	9.18	106	8322	0.324	ug/L		100
54) o-xylene	9.59	106	7999	0.331	ug/L		99
55) Styrene	9.60	104	11656	0.283	ug/L		96
56) Isopropylbenzene	9.97	105	19017	0.286	ug/L		95
58) 1,1,2,2-Tetrachloroethane	10.29	83	4563	0.409	ug/L	#	91
59) 1,2,3-Trichloropropane	10.32	75	4084m	0.455	ug/L		
61) Bromoform	9.78	173	2495	0.525	ug/L		97
62) 1,3-Dichlorobenzene	11.23	146	10224	0.407	ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	10114	0.394	ug/L		98
65) 1,2-Dichlorobenzene	11.69	146	10479	0.455	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.48	75	778	0.503	ug/L	#	84
67) 1,3,5-Trichlorobenzene	12.69	180	6863	0.378	ug/L		96
68) 1,2,4-trichlorobenzene	13.32	180	4317	0.332	ug/L		94
69) Naphthalene	13.55	128	4382	0.228	ug/L	#	93
70) 1,2,3-Trichlorobenzene	13.79	180	4088	0.342	ug/L		97

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

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