Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103018\
Data File : VU027865.D
Acq On : 30 Oct 2018 10:41
Operator : MD/SY
Sample : VSTD0.543
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.543

Manual Integrations APPROVED
MMDadoda
11/1/2018 11:15:13 AM

Quant Time: Oct 31 01:52:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 31 01:42:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	96088	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	89534	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44009	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	3264	0.43	ug/L		0.00
7) Chloroethane-d5	1.68	69	2641	0.46	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.28	63	6541	0.46	ug/L		0.00
20) 2-Butanone-d5	4.21	46	10655m	4.74	ug/L		0.00
24) Chloroform-d	4.65	84	6184	0.46	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.31	65	3831	0.49	ug/L		0.00
32) Benzene-d6	5.34	84	11314	0.46	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.34	67	4337	0.50	ug/L		0.00
41) Toluene-d8	7.57	98	11147	0.48	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.86	79	1574	0.47	ug/L		0.00
46) 2-Hexanone-d5	8.32	63	8227	4.48	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	2757	0.45	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	4535	0.54	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	4293	0.454	ug/L		99
3) Chloromethane	1.33	50	4230	0.451	ug/L		95
5) Vinyl chloride	1.41	62	3990	0.427	ug/L		89
6) Bromomethane	1.64	94	1190	0.388	ug/L		94
8) Chloroethane	1.70	64	2898	0.529	ug/L		88
9) Trichlorofluoromethane	1.89	101	5609	0.452	ug/L		94
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	2816	0.445	ug/L		94
12) 1,1-Dichloroethene	2.29	96	2538	0.425	ug/L		74
13) Acetone	2.35	43	7511	5.320	ug/L		88
14) Carbon disulfide	2.48	76	10181	0.478	ug/L		98
15) Methyl Acetate	2.63	43	1964	0.520	ug/L		93
16) Methylene chloride	2.70	84	3184	0.475	ug/L		91
17) Methyl tert-butyl Ether	3.01	73	8161	0.459	ug/L	#	89
18) trans-1,2-Dichloroethene	2.99	96	2682	0.423	ug/L		97
19) 1,1-Dichloroethane	3.45	63	5973	0.446	ug/L		95
21) 2-Butanone	4.30	43	11328	4.615	ug/L		99
22) cis-1,2-Dichloroethene	4.23	96	2927	0.399	ug/L		76
23) Bromochloromethane	4.56	128	1350	0.444	ug/L		89
25) Chloroform	4.67	83	5977	0.440	ug/L		97
27) 1,2-Dichloroethane	5.41	62	4328	0.457	ug/L		96
29) 1,1,1-Trichloroethane	4.92	97	5224	0.452	ug/L		97
30) Cyclohexane	5.00	56	6043	0.445	ug/L		96
31) Carbon tetrachloride	5.13	117	4085	0.412	ug/L		85
33) Benzene	5.39	78	12668	0.447	ug/L		100
34) Trichloroethene	6.19	95	3136	0.425	ug/L		90
35) Methylcyclohexane	6.42	83	5458	0.435	ug/L		100
37) 1,2-Dichloropropane	6.44	63	3590	0.444	ug/L	#	90
38) Bromodichloromethane	6.76	83	4120	0.436	ug/L	#	93
39) cis-1,3-Dichloropropene	7.28	75	4947	0.427	ug/L		88
40) 4-Methyl-2-pentanone	7.47	43	25100	4.399	ug/L		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.64	91	13063	0.440	ug/L		97
44) trans-1,3-Dichloropropene	7.88	75	4404	0.443	ug/L		97
45) 1,1,2-Trichloroethane	8.08	97	2190	0.441	ug/L		90
47) Tetrachloroethene	8.23	164	2510	0.443	ug/L		92
48) 2-Hexanone	8.37	43	17234	4.189	ug/L	#	94
49) Dibromochloromethane	8.48	129	2592	0.432	ug/L		93
50) 1,2-Dibromoethane	8.59	107	2087	0.439	ug/L	#	96
51) Chlorobenzene	9.12	112	8251	0.448	ug/L		97
52) Ethylbenzene	9.25	91	14792	0.437	ug/L		96
53) m,p-xylene	9.38	106	5479	0.447	ug/L		95
54) o-xylene	9.78	106	5170	0.429	ug/L		77
55) Styrene	9.79	104	8145	0.403	ug/L		99
56) Isopropylbenzene	10.17	105	13969	0.426	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.46	83	2956	0.456	ug/L		88
59) 1,2,3-Trichloropropane	10.49	75	2004m	0.409	ug/L		
61) Bromoform	9.96	173	1397	0.432	ug/L	#	94
62) 1,3-Dichlorobenzene	11.42	146	6080	0.430	ug/L		94
63) 1,4-Dichlorobenzene	11.51	146	6314	0.446	ug/L		85
65) 1,2-Dichlorobenzene	11.88	146	6062	0.454	ug/L		93
66) 1,2-Dibromo-3-chloropropan	12.66	75	406	0.388	ug/L	#	88
67) 1,3,5-Trichlorobenzene	12.89	180	5041	0.443	ug/L		98
68) 1,2,4-trichlorobenzene	13.51	180	3968	0.410	ug/L		96
69) Naphthalene	13.75	128	5627	0.374	ug/L	#	93
70) 1,2,3-Trichlorobenzene	13.99	180	3716	0.421	ug/L	#	95

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

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