Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\
Data File : VR026232.D
Acq On : 20 Nov 2018 15:46
Operator : SY/MD
Sample : VSTD00189
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00189

Manual Integrations APPROVED
MMDadoda
11/21/2018 5:40:05 PM

Quant Time: Nov 20 17:13:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	626554	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	514077	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	192272	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.15	65	52103	1.13	ug/L		0.00
7) Chloroethane-d5	2.63	69	48341	1.12	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.63	63	132722	1.09	ug/L		0.02
20) 2-Butanone-d5	6.59	46	40852	10.16	ug/L		0.00
24) Chloroform-d	7.20	84	98655	1.20	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.90	65	38011	1.17	ug/L		0.00
32) Benzene-d6	7.85	84	181473	1.23	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.90	67	47228	1.21	ug/L		0.00
41) Toluene-d8	9.97	98	167600	1.23	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.24	79	11507	1.17	ug/L		0.00
46) 2-Hexanone-d5	10.59	63	23836	8.35	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	19386	1.20	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	32523	1.16	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.84	85	43981	1.106	ug/L		90
3) Chloromethane	2.01	50	63287	0.928	ug/L		96
5) Vinyl chloride	2.16	62	63005	0.937	ug/L		100
6) Bromomethane	2.53	94	40040	0.895	ug/L		94
8) Chloroethane	2.66	64	36688	0.864	ug/L		96
9) Trichlorofluoromethane	2.94	101	89003m	0.985	ug/L		
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	50770	0.978	ug/L		99
12) 1,1-Dichloroethene	3.64	96	55371	0.904	ug/L		85
13) Acetone	3.71	43	33623	7.914	ug/L		98
14) Carbon disulfide	3.94	76	128902	0.773	ug/L		98
15) Methyl Acetate	4.20	43	8818	0.798	ug/L		94
16) Methylene chloride	4.41	84	53812	1.043	ug/L		98
17) Methyl tert-butyl Ether	4.90	73	51190	0.988	ug/L		95
18) trans-1,2-Dichloroethene	4.89	96	48208	1.021	ug/L		93
19) 1,1-Dichloroethane	5.70	63	91802	1.061	ug/L		95
21) 2-Butanone	6.69	43	45013	9.173	ug/L		99
22) cis-1,2-Dichloroethene	6.68	96	42749	1.023	ug/L	#	96
23) Bromochloromethane	7.06	128	13214	1.036	ug/L		86
25) Chloroform	7.23	83	102785	1.217	ug/L		99
27) 1,2-Dichloroethane	7.99	62	41236	1.052	ug/L		98
29) 1,1,1-Trichloroethane	7.43	97	76791	1.116	ug/L		96
30) Cyclohexane	7.52	56	56192	0.932	ug/L		98
31) Carbon tetrachloride	7.64	117	68400	1.120	ug/L		100
33) Benzene	7.91	78	192826	1.039	ug/L		100
34) Trichloroethene	8.71	95	51895	1.098	ug/L		95
35) Methylcyclohexane	8.96	83	57300	0.932	ug/L		89
37) 1,2-Dichloropropane	8.99	63	39980	1.027	ug/L		98
38) Bromodichloromethane	9.28	83	48439	1.115	ug/L		97
39) cis-1,3-Dichloropropene	9.72	75	39242	0.892	ug/L		93
40) 4-Methyl-2-pentanone	9.87	43	100217	9.113	ug/L		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.04	91	226190	1.170	ug/L		99
44) trans-1,3-Dichloropropene	10.26	75	26999	0.920	ug/L		91
45) 1,1,2-Trichloroethane	10.45	97	17455	1.039	ug/L		93
47) Tetrachloroethene	10.51	164	37034	1.147	ug/L		93
48) 2-Hexanone	10.63	43	69155	9.325	ug/L		97
49) Dibromochloromethane	10.78	129	19741	0.992	ug/L		96
50) 1,2-Dibromoethane	10.89	107	14776	1.037	ug/L	#	97
51) Chlorobenzene	11.32	112	111932	1.042	ug/L		97
52) Ethylbenzene	11.39	91	222992	1.017	ug/L		98
53) m,p-Xylene	11.50	106	79028	0.993	ug/L		92
54) o-Xylene	11.83	106	66563	0.916	ug/L		98
55) Styrene	11.84	104	108666	0.963	ug/L		99
56) Isopropylbenzene	12.13	105	195031	0.994	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	17060	1.051	ug/L	#	99
59) 1,2,3-Trichloropropane	12.43	75	13267	1.086	ug/L		100
61) Bromoform	12.01	173	7594	0.999	ug/L		97
62) 1,3-Dichlorobenzene	13.16	146	62442	1.073	ug/L		92
63) 1,4-Dichlorobenzene	13.24	146	70009	1.094	ug/L		99
65) 1,2-Dichlorobenzene	13.53	146	50614	1.037	ug/L		92
66) 1,2-Dibromo-3-chloropropan	14.14	75	1733	0.957	ug/L	#	85
67) 1,3,5-Trichlorobenzene	14.30	180	37818	1.043	ug/L		98
68) 1,2,4-trichlorobenzene	14.79	180	20908	1.033	ug/L		94
69) Naphthalene	15.00	128	17578	0.823	ug/L	#	96
70) 1,2,3-Trichlorobenzene	15.18	180	15747	1.112	ug/L		99

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

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