Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092718\
Data File : VR025875.D
Acq On : 27 Sep 2018 14:08
Operator : SY/MD
Sample : VSTD01091
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 27 15:17:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 27 15:06:01 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VSTD01091

Manual Integrations APPROVED
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10/1/2018 11:53:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	586216	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	492248	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	188343	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.16	65	375469	8.94	ug/L		0.00
7) Chloroethane-d5	2.63	69	299230	9.08	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.63	63	889379	8.76	ug/L		0.00
20) 2-Butanone-d5	6.59	46	442827	79.14	ug/L		0.00
24) Chloroform-d	7.20	84	670361	7.61	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.90	65	289879	7.64	ug/L		0.00
32) Benzene-d6	7.85	84	1349195	7.38	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.90	67	365228	7.33	ug/L		0.00
41) Toluene-d8	9.97	98	1293943	7.87	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.24	79	92909	6.73	ug/L		0.00
46) 2-Hexanone-d5	10.59	63	353862	76.83	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	151404	7.98	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	254387	7.90	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.84	85	329026	5.389	ug/L		98
3) Chloromethane	2.01	50	463738	6.977	ug/L		98
5) Vinyl chloride	2.17	62	450595	7.157	ug/L		99
6) Bromomethane	2.53	94	282103	7.882	ug/L		93
8) Chloroethane	2.66	64	264712	7.399	ug/L		96
9) Trichlorofluoromethane	2.94	101	671795m	8.605	ug/L		
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	381323	8.016	ug/L		95
12) 1,1-Dichloroethene	3.66	96	400363	7.917	ug/L		78
13) Acetone	3.70	43	327925	88.806	ug/L		95
14) Carbon disulfide	3.95	76	1085559	7.629	ug/L		100
15) Methyl Acetate	4.19	43	90154	7.610	ug/L		98
16) Methylene chloride	4.40	84	349499	7.687	ug/L		94
17) Methyl tert-butyl Ether	4.90	73	483818	5.470	ug/L		99
18) trans-1,2-Dichloroethene	4.88	96	356532	6.232	ug/L		92
19) 1,1-Dichloroethane	5.69	63	687311	5.876	ug/L		98
21) 2-Butanone	6.69	43	503591	65.436	ug/L		98
22) cis-1,2-Dichloroethene	6.67	96	357674	6.207	ug/L	#	94
23) Bromochloromethane	7.05	128	93110	6.130	ug/L		94
25) Chloroform	7.23	83	658745	6.125	ug/L		98
27) 1,2-Dichloroethane	7.99	62	326191	5.868	ug/L		99
29) 1,1,1-Trichloroethane	7.43	97	549079	5.523	ug/L		98
30) Cyclohexane	7.52	56	659078	5.561	ug/L		98
31) Carbon tetrachloride	7.64	117	486353	5.945	ug/L		98
33) Benzene	7.91	78	1569105	6.072	ug/L		100
34) Trichloroethene	8.71	95	405236	5.908	ug/L		95
35) Methylcyclohexane	8.95	83	631145	5.612	ug/L		99
37) 1,2-Dichloropropane	9.00	63	344060	5.972	ug/L		100
38) Bromodichloromethane	9.28	83	381546	5.998	ug/L		97
39) cis-1,3-Dichloropropene	9.72	75	424972	6.025	ug/L		99
40) 4-Methyl-2-pentanone	9.87	43	1285767	64.099	ug/L		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.04	91	1667521	6.332	ug/L		98
44) trans-1,3-Dichloropropene	10.26	75	286552	5.862	ug/L		100
45) 1,1,2-Trichloroethane	10.45	97	150373	6.225	ug/L		95
47) Tetrachloroethene	10.51	164	256883	6.549	ug/L		97
48) 2-Hexanone	10.63	43	839882	63.667	ug/L		99
49) Dibromochloromethane	10.79	129	171154	6.801	ug/L		99
50) 1,2-Dibromoethane	10.89	107	130476	6.137	ug/L	#	99
51) Chlorobenzene	11.32	112	883170	6.392	ug/L		95
52) Ethylbenzene	11.39	91	1924735	6.352	ug/L		98
53) m,p-Xylene	11.50	106	690590	6.320	ug/L		94
54) o-Xylene	11.83	106	663800	6.635	ug/L		97
55) Styrene	11.84	104	1049270	6.769	ug/L		96
56) Isopropylbenzene	12.13	105	1828270	6.529	ug/L		98
58) 1,1,2,2-Tetrachloroethane	12.39	83	150512	6.350	ug/L		98
59) 1,2,3-Trichloropropane	12.43	75	110833	5.890	ug/L		100
61) Bromoform	12.01	173	58116	6.612	ug/L		94
62) 1,3-Dichlorobenzene	13.16	146	539511	6.190	ug/L		95
63) 1,4-Dichlorobenzene	13.24	146	531915	6.324	ug/L		98
65) 1,2-Dichlorobenzene	13.53	146	416266	6.274	ug/L		100
66) 1,2-Dibromo-3-chloropropan	14.14	75	15305	5.045	ug/L	#	81
67) 1,3,5-Trichlorobenzene	14.29	180	322017	6.550	ug/L		96
68) 1,2,4-trichlorobenzene	14.78	180	202028	6.459	ug/L		98
69) Naphthalene	15.00	128	279710	6.144	ug/L		98
70) 1,2,3-Trichlorobenzene	15.18	180	141053	6.348	ug/L		98

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

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