Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092718\
Data File : VR025874.D
Acq On : 27 Sep 2018 13:35
Operator : SY/MD
Sample : VSTD00590
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 27 15:04:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 27 13:13:05 2018
Response via : Initial Calibration

Instrument : MSVOA_R
ClientSampleId : VSTD00590

Manual Integrations APPROVED
MMDadoda
10/1/2018 11:53:52 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	567196	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	484655	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	172739	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.17	65	226339	5.57	ug/L		0.01
7) Chloroethane-d5	2.63	69	179342	5.62	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.64	63	519710	5.29	ug/L		0.00
20) 2-Butanone-d5	6.59	46	259001	47.84	ug/L		0.00
24) Chloroform-d	7.20	84	382905	4.49	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.90	65	163234	4.44	ug/L		0.00
32) Benzene-d6	7.85	84	795423	4.42	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.90	67	215902	4.40	ug/L		0.00
41) Toluene-d8	9.97	98	755631	4.67	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.24	79	48367	3.56	ug/L		0.00
46) 2-Hexanone-d5	10.59	63	196896	43.42	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	89295	4.78	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	143395	4.86	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.84	85	172807	2.925	ug/L	#	65
3) Chloromethane	2.01	50	227807	3.542	ug/L		97
5) Vinyl chloride	2.17	62	231677	3.803	ug/L		98
6) Bromomethane	2.52	94	142521	4.116	ug/L		98
8) Chloroethane	2.66	64	131715	3.805	ug/L		92
9) Trichlorofluoromethane	2.93	101	331730m	4.391	ug/L		
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	206598	4.489	ug/L		95
12) 1,1-Dichloroethene	3.65	96	204806	4.186	ug/L		88
13) Acetone	3.70	43	162774	45.559	ug/L		97
14) Carbon disulfide	3.94	76	515007	3.741	ug/L		99
15) Methyl Acetate	4.20	43	49356	4.306	ug/L		98
16) Methylene chloride	4.40	84	176707	4.017	ug/L		94
17) Methyl tert-butyl Ether	4.90	73	226441	2.646	ug/L		98
18) trans-1,2-Dichloroethene	4.88	96	171658	3.101	ug/L		92
19) 1,1-Dichloroethane	5.69	63	333491	2.947	ug/L		97
21) 2-Butanone	6.69	43	240014	32.233	ug/L		98
22) cis-1,2-Dichloroethene	6.67	96	168046	3.014	ug/L	#	95
23) Bromochloromethane	7.05	128	46201	3.144	ug/L	#	87
25) Chloroform	7.23	83	323010	3.104	ug/L		96
27) 1,2-Dichloroethane	7.99	62	165787	3.082	ug/L		100
29) 1,1,1-Trichloroethane	7.43	97	261819	2.675	ug/L		98
30) Cyclohexane	7.52	56	338152	2.898	ug/L		99
31) Carbon tetrachloride	7.63	117	226813	2.816	ug/L		99
33) Benzene	7.91	78	761463	2.993	ug/L		100
34) Trichloroethene	8.71	95	197504	2.925	ug/L		98
35) Methylcyclohexane	8.95	83	328459	2.966	ug/L		99
37) 1,2-Dichloropropane	9.00	63	169453	2.987	ug/L		98
38) Bromodichloromethane	9.28	83	181475	2.898	ug/L		99
39) cis-1,3-Dichloropropene	9.72	75	201300	2.899	ug/L		94
40) 4-Methyl-2-pentanone	9.87	43	602158	30.489	ug/L		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.04	91	815104	3.143	ug/L		94
44) trans-1,3-Dichloropropene	10.26	75	126832	2.635	ug/L		97
45) 1,1,2-Trichloroethane	10.45	97	73479	3.090	ug/L		93
47) Tetrachloroethene	10.51	164	126316	3.271	ug/L		86
48) 2-Hexanone	10.63	43	395977	30.487	ug/L		99
49) Dibromochloromethane	10.79	129	76181	3.075	ug/L		99
50) 1,2-Dibromoethane	10.89	107	61516	2.939	ug/L	#	98
51) Chlorobenzene	11.32	112	422111	3.103	ug/L		96
52) Ethylbenzene	11.39	91	935517	3.136	ug/L		98
53) m,p-Xylene	11.50	106	335067	3.115	ug/L		95
54) o-Xylene	11.83	106	303475	3.081	ug/L		95
55) Styrene	11.84	104	488379	3.200	ug/L		92
56) Isopropylbenzene	12.13	105	867129	3.145	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	72335	3.100	ug/L		98
59) 1,2,3-Trichloropropane	12.43	75	52336	2.825	ug/L		99
61) Bromoform	12.01	173	25569	3.172	ug/L	#	91
62) 1,3-Dichlorobenzene	13.16	146	247796	3.100	ug/L		93
63) 1,4-Dichlorobenzene	13.24	146	247410	3.207	ug/L		97
65) 1,2-Dichlorobenzene	13.53	146	193537	3.180	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.14	75	6371	2.290	ug/L		91
67) 1,3,5-Trichlorobenzene	14.29	180	146372	3.246	ug/L		96
68) 1,2,4-trichlorobenzene	14.78	180	88778	3.095	ug/L		98
69) Naphthalene	15.00	128	123487	2.958	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	65259	3.202	ug/L		97

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

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