Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092018\
Data File : VR025774.D
Acq On : 20 Sep 2018 13:06
Operator : SY/MD
Sample : VSTD02013
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD02013

Manual Integrations APPROVED
MMDadoda
9/24/2018 5:09:18 PM

Quant Time: Sep 20 14:06:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 20 12:33:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	616323	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.28	117	489043	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	185529	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.17	65	503419	18.78	ug/L		0.01
7) Chloroethane-d5	2.62	69	426867	19.46	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.62	63	1374804	18.76	ug/L		0.00
20) 2-Butanone-d5	6.58	46	1040069	384.50	ug/L		0.00
24) Chloroform-d	7.20	84	1477809	24.11	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.90	65	625388	30.09	ug/L		0.00
32) Benzene-d6	7.85	84	2475487	18.73	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.90	67	734710	20.63	ug/L		0.00
41) Toluene-d8	9.97	98	2051167	16.24	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.24	79	268363	30.53	ug/L		0.00
46) 2-Hexanone-d5	10.59	63	846011	321.81	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	349697	22.45	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	498020	18.94	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	1436781	45.715	ug/L		98
3) Chloromethane	2.02	50	1232099	31.935	ug/L		98
5) Vinyl chloride	2.17	62	1188600	30.996	ug/L		94
6) Bromomethane	2.52	94	610307	22.234	ug/L		97
8) Chloroethane	2.65	64	646555	28.713	ug/L		99
9) Trichlorofluoromethane	2.93	101	1473295m	20.840	ug/L		
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	860435	22.586	ug/L		97
12) 1,1-Dichloroethene	3.63	96	908839	22.604	ug/L		99
13) Acetone	3.70	43	548754	301.037	ug/L		96
14) Carbon disulfide	3.93	76	3133289	33.028	ug/L		99
15) Methyl Acetate	4.19	43	205263	31.584	ug/L	#	89
16) Methylene chloride	4.40	84	793722	22.296	ug/L		100
17) Methyl tert-butyl Ether	4.89	73	1901090	38.434	ug/L		100
18) trans-1,2-Dichloroethene	4.88	96	1184674	24.107	ug/L		97
19) 1,1-Dichloroethane	5.69	63	2379569	31.404	ug/L		99
21) 2-Butanone	6.69	43	1383432	359.617	ug/L		97
22) cis-1,2-Dichloroethene	6.67	96	1162489	27.190	ug/L	#	98
23) Bromochloromethane	7.05	128	323056	22.026	ug/L		97
25) Chloroform	7.23	83	2165223	31.275	ug/L		100
27) 1,2-Dichloroethane	7.99	62	1127801	41.283	ug/L		98
29) 1,1,1-Trichloroethane	7.43	97	2083079	42.760	ug/L		100
30) Cyclohexane	7.52	56	2339944	39.972	ug/L		100
31) Carbon tetrachloride	7.63	117	1822441	38.593	ug/L		100
33) Benzene	7.91	78	4707071	27.016	ug/L		100
34) Trichloroethene	8.71	95	1317657	31.203	ug/L		98
35) Methylcyclohexane	8.95	83	2203349	33.807	ug/L		99
37) 1,2-Dichloropropane	9.00	63	1050393	26.742	ug/L		99
38) Bromodichloromethane	9.28	83	1322493	37.492	ug/L		99
39) cis-1,3-Dichloropropene	9.72	75	1464311	36.456	ug/L		98
40) 4-Methyl-2-pentanone	9.87	43	3585065	369.237	ug/L		98

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.04	91	4738683	26.571	ug/L		94
44) trans-1,3-Dichloropropene	10.26	75	1104373	39.092	ug/L		99
45) 1,1,2-Trichloroethane	10.45	97	461082	25.060	ug/L		97
47) Tetrachloroethene	10.51	164	826260	23.893	ug/L		95
48) 2-Hexanone	10.63	43	2436167	357.771	ug/L		99
49) Dibromochloromethane	10.79	129	604781	30.860	ug/L		94
50) 1,2-Dibromoethane	10.89	107	425875	29.138	ug/L	#	98
51) Chlorobenzene	11.32	112	2634954	23.504	ug/L		98
52) Ethylbenzene	11.39	91	5366580	27.928	ug/L		92
53) m,p-Xylene	11.50	106	2135939	27.624	ug/L		90
54) o-Xylene	11.83	106	1976283	29.011	ug/L		85
55) Styrene	11.84	104	3074035	28.023	ug/L		99
56) Isopropylbenzene	12.13	105	5089914	29.986	ug/L		97
58) 1,1,2,2-Tetrachloroethane	12.39	83	453108	25.286	ug/L		100
59) 1,2,3-Trichloropropane	12.43	75	365263	30.306	ug/L		100
61) Bromoform	12.01	173	256351	32.293	ug/L		97
62) 1,3-Dichlorobenzene	13.16	146	1682894	29.038	ug/L		98
63) 1,4-Dichlorobenzene	13.24	146	1596853	24.226	ug/L		99
65) 1,2-Dichlorobenzene	13.53	146	1268050	25.362	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.14	75	71963	48.945	ug/L	#	93
67) 1,3,5-Trichlorobenzene	14.29	180	999934	29.021	ug/L		99
68) 1,2,4-trichlorobenzene	14.78	180	661209	31.287	ug/L		99
69) Naphthalene	15.00	128	982035	41.539	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	460028	27.499	ug/L		99

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

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