

Data File : VR025483.D
Acq On : 16 Jul 2018 19:02
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00593

Manual Integrations
APPROVED

MMDadoda
7/17/2018 6:21:21 PM

Quant Time: Jul 17 01:35:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 17 01:11:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.45	114	686671	5.00	ug/L	-0.02
28) Chlorobenzene-d5	11.28	117	584457	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	232242	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	82823	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	2.62	69	66806	4.14	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	3.62	63	252673	4.41	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	6.57	46	267657	45.52	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.04%
24) Chloroform-d	7.18	84	409485	4.37	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	7.87	65	157424	4.39	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	7.84	84	878357	4.49	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	8.88	67	241952	4.26	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	9.96	98	796926	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	10.23	79	63396	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	10.58	63	239498	49.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	115426	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	176413	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	196328	5.061 ug/L	99
3) Chloromethane	2.00	50	116100	5.048 ug/L	99
5) Vinyl chloride	2.16	62	108010	5.227 ug/L	93
6) Bromomethane	2.52	94	61605	5.067 ug/L	97
8) Chloroethane	2.65	64	66019	5.132 ug/L	95
9) Trichlorofluoromethane	2.94	101	179737m	5.324 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.65	101	101952	4.961 ug/L	97
12) 1,1-Dichloroethene	3.63	96	104010	5.067 ug/L	94
13) Acetone	3.68	43	133648	50.451 ug/L	99
14) Carbon disulfide	3.93	76	222641	4.766 ug/L #	92
15) Methyl Acetate	4.16	43	28305	4.776 ug/L #	91
16) Methylene chloride	4.37	84	95610	4.754 ug/L	80
17) Methyl tert-butyl Ether	4.86	73	350541	5.239 ug/L	98
18) trans-1,2-Dichloroethene	4.85	96	250166	4.899 ug/L	97
19) 1,1-Dichloroethane	5.66	63	440259	5.026 ug/L	97
21) 2-Butanone	6.66	43	325033	52.673 ug/L	95
22) cis-1,2-Dichloroethene	6.65	96	255471	5.451 ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.02	128	77463	5.134	ug/L	97
25) Chloroform	7.21	83	419425	4.984	ug/L	99
27) 1,2-Dichloroethane	7.98	62	186008	4.930	ug/L #	91
29) 1,1,1-Trichloroethane	7.41	97	296236	4.983	ug/L	98
30) Cyclohexane	7.50	56	344744	5.406	ug/L	96
31) Carbon tetrachloride	7.62	117	279608	5.317	ug/L	99
33) Benzene	7.89	78	1020572	5.066	ug/L	100
34) Trichloroethene	8.70	95	249186	4.859	ug/L	97
35) Methylcyclohexane	8.94	83	375893	5.482	ug/L	96
37) 1,2-Dichloropropane	8.98	63	229864	4.909	ug/L	99
38) Bromodichloromethane	9.27	83	236229	4.950	ug/L	96
39) cis-1,3-Dichloropropene	9.71	75	267379	5.078	ug/L	93
40) 4-Methyl-2-pentanone	9.86	43	759073	55.935	ug/L	95
42) Toluene	10.03	91	1034214	5.279	ug/L	100
44) trans-1,3-Dichloropropene	10.26	75	192360	4.975	ug/L	94
45) 1,1,2-Trichloroethane	10.44	97	111380	4.854	ug/L	95
47) Tetrachloroethene	10.51	164	162963	4.866	ug/L	97
48) 2-Hexanone	10.63	43	504310	54.023	ug/L #	94
49) Dibromochloromethane	10.78	129	121304	5.071	ug/L	94
50) 1,2-Dibromoethane	10.88	107	95880	5.159	ug/L #	94
51) Chlorobenzene	11.31	112	603658	5.061	ug/L	96
52) Ethylbenzene	11.39	91	1122651	5.344	ug/L	98
53) m,p-Xylene	11.50	106	429478	5.448	ug/L	89
54) o-Xylene	11.82	106	383109	5.642	ug/L	97
55) Styrene	11.84	104	634169	5.676	ug/L	94
56) Isopropylbenzene	12.13	105	1025690	5.705	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	113559	5.025	ug/L #	91
59) 1,2,3-Trichloropropane	12.43	75	85537	5.258	ug/L	95
61) Bromoform	12.01	173	46530	4.919	ug/L	100
62) 1,3-Dichlorobenzene	13.16	146	350128	5.145	ug/L	95
63) 1,4-Dichlorobenzene	13.24	146	372578	4.932	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	306580	5.185	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.15	75	12981	4.963	ug/L	92
67) 1,3,5-Trichlorobenzene	14.29	180	233221	5.248	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	147860	4.840	ug/L	96
69) Naphthalene	15.00	128	210007	5.368	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	125009	5.305	ug/L	99

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

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