

Data File : VR026207.D
Acq On : 7 Nov 2018 17:42
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00588

Manual Integrations
APPROVED

MMDadoda
11/12/2018 2:38:28 PM

Quant Time: Nov 08 10:07:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 07 12:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	617629	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	526322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	203931	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	281043	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	2.62	69	241860	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	3.61	63	660687	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.60%
20) 2-Butanone-d5	6.59	46	247140	55.69	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.38%
24) Chloroform-d	7.20	84	437054	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	7.89	65	178977	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	7.85	84	867103	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	8.90	67	224255	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	9.97	98	841620	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	10.23	79	59610	5.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.20%
46) 2-Hexanone-d5	10.59	63	192105	58.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.18%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	87345	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	169198	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	195333	4.708 ug/L	95
3) Chloromethane	2.02	50	300699	4.564 ug/L	100
5) Vinyl chloride	2.17	62	300815	4.583 ug/L	98
6) Bromomethane	2.52	94	202844	4.680 ug/L	93
8) Chloroethane	2.66	64	200326	4.926 ug/L	89
9) Trichlorofluoromethane	2.94	101	460007m	4.855 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	272835	4.830 ug/L	100
12) 1,1-Dichloroethene	3.63	96	287810	4.792 ug/L	90
13) Acetone	3.70	43	222922	48.593 ug/L	97
14) Carbon disulfide	3.94	76	733507	4.671 ug/L	97
15) Methyl Acetate	4.19	43	58733	4.901 ug/L	97
16) Methylene chloride	4.41	84	239600	4.399 ug/L	100
17) Methyl tert-butyl Ether	4.90	73	280148	5.138 ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	221059	4.867 ug/L	99
19) 1,1-Dichloroethane	5.69	63	420831	4.935 ug/L	97
21) 2-Butanone	6.69	43	278342	52.593 ug/L	96
22) cis-1,2-Dichloroethene	6.67	96	214063	4.982 ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	60182	4.993	ug/L	85
25) Chloroform	7.23	83	415320	4.990	ug/L	97
27) 1,2-Dichloroethane	7.99	62	200375	4.919	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	367983	5.117	ug/L	100
30) Cyclohexane	7.52	56	376376	5.214	ug/L	99
31) Carbon tetrachloride	7.63	117	323101	4.941	ug/L	95
33) Benzene	7.91	78	959272	4.857	ug/L	100
34) Trichloroethene	8.71	95	250338	4.953	ug/L	95
35) Methylcyclohexane	8.95	83	384573	5.110	ug/L	100
37) 1,2-Dichloropropane	9.00	63	206319	4.952	ug/L	99
38) Bromodichloromethane	9.28	83	227012	5.066	ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	247355	5.187	ug/L	100
40) 4-Methyl-2-pentanone	9.86	43	680115	53.449	ug/L	99
42) Toluene	10.03	91	1030482	4.944	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	177675	5.333	ug/L	95
45) 1,1,2-Trichloroethane	10.45	97	89678	5.103	ug/L	99
47) Tetrachloroethene	10.51	164	172239	4.772	ug/L	97
48) 2-Hexanone	10.63	43	448234	53.934	ug/L	100
49) Dibromochloromethane	10.79	129	101929	5.154	ug/L	96
50) 1,2-Dibromoethane	10.89	107	75966	5.003	ug/L	97
51) Chlorobenzene	11.32	112	558498	4.840	ug/L	99
52) Ethylbenzene	11.39	91	1222128	5.099	ug/L	99
53) m,p-Xylene	11.50	106	440605	5.045	ug/L	94
54) o-Xylene	11.83	106	409868	5.119	ug/L	97
55) Styrene	11.84	104	630154	5.114	ug/L	98
56) Isopropylbenzene	12.13	105	1168647	5.255	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	86499	4.843	ug/L	95
59) 1,2,3-Trichloropropane	12.43	75	63962	4.877	ug/L	98
61) Bromoform	12.01	173	36754	5.185	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	342564	5.056	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	347237	4.949	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	277915	5.111	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	9974	4.502	ug/L #	92
67) 1,3,5-Trichlorobenzene	14.29	180	219568	5.319	ug/L	98
68) 1,2,4-trichlorobenzene	14.78	180	137901	5.723	ug/L	97
69) Naphthalene	15.00	128	156516	6.690	ug/L	96
70) 1,2,3-Trichlorobenzene	15.18	180	95447	5.704	ug/L	98

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

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