

Data File : VR025460.D
Acq On : 12 Jul 2018 19:45
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00589

Manual Integrations
APPROVED

MMDadoda
7/13/2018 5:40:34 PM

Quant Time: Jul 13 01:29:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 13 00:37:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	774862	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	623555	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	248946	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	112918	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	2.62	69	83805	4.60	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	3.63	63	310389	4.80	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	6.59	46	280815	42.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.64%
24) Chloroform-d	7.20	84	460474	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	7.89	65	170839	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
32) Benzene-d6	7.86	84	1014721	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	8.90	67	267093	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	9.97	98	903517	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	10.24	79	73234	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	10.59	63	231524	44.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.32%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	116276	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	184085	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	212146	4.846 ug/L	99
3) Chloromethane	2.00	50	127649	4.919 ug/L	100
5) Vinyl chloride	2.16	62	117159	5.025 ug/L	95
6) Bromomethane	2.52	94	65452	4.771 ug/L	97
8) Chloroethane	2.66	64	68636	4.728 ug/L	97
9) Trichlorofluoromethane	2.93	101	194935m	5.117 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	117686	5.075 ug/L	98
12) 1,1-Dichloroethene	3.65	96	113595	4.904 ug/L	94
13) Acetone	3.70	43	131119	43.863 ug/L	99
14) Carbon disulfide	3.96	76	278112	5.276 ug/L	100
15) Methyl Acetate	4.19	43	29201	4.366 ug/L	95
16) Methylene chloride	4.40	84	98329	4.333 ug/L	95
17) Methyl tert-butyl Ether	4.90	73	326788	4.328 ug/L	100
18) trans-1,2-Dichloroethene	4.88	96	273022	4.738 ug/L	92
19) 1,1-Dichloroethane	5.69	63	452543	4.578 ug/L	98
21) 2-Butanone	6.69	43	301105	43.242 ug/L	97
22) cis-1,2-Dichloroethene	6.68	96	260702	4.930 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	76473	4.491	ug/L	97
25) Chloroform	7.24	83	432536	4.555	ug/L	92
27) 1,2-Dichloroethane	8.00	62	184617m	4.337	ug/L	
29) 1,1,1-Trichloroethane	7.43	97	315638	4.977	ug/L	99
30) Cyclohexane	7.52	56	381814	5.611	ug/L	95
31) Carbon tetrachloride	7.64	117	293443	5.230	ug/L	97
33) Benzene	7.91	78	1057419	4.920	ug/L	100
34) Trichloroethene	8.71	95	258206	4.719	ug/L	95
35) Methylcyclohexane	8.96	83	419085	5.729	ug/L	98
37) 1,2-Dichloropropane	8.99	63	227162	4.547	ug/L	99
38) Bromodichloromethane	9.28	83	235691	4.629	ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	276048	4.914	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	691920	47.790	ug/L	96
42) Toluene	10.03	91	1070082	5.120	ug/L	99
44) trans-1,3-Dichloropropene	10.27	75	193647	4.694	ug/L	95
45) 1,1,2-Trichloroethane	10.44	97	110161	4.500	ug/L	97
47) Tetrachloroethene	10.52	164	177033	4.955	ug/L	98
48) 2-Hexanone	10.64	43	463705	46.559	ug/L	95
49) Dibromochloromethane	10.78	129	115444	4.523	ug/L	100
50) 1,2-Dibromoethane	10.89	107	90757	4.577	ug/L #	97
51) Chlorobenzene	11.31	112	596790	4.689	ug/L	97
52) Ethylbenzene	11.39	91	1164254	5.195	ug/L	97
53) m,p-Xylene	11.50	106	437142	5.198	ug/L	97
54) o-Xylene	11.83	106	391159	5.399	ug/L	99
55) Styrene	11.84	104	634839	5.326	ug/L	99
56) Isopropylbenzene	12.13	105	1078141	5.620	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.38	83	106781	4.429	ug/L #	95
59) 1,2,3-Trichloropropane	12.43	75	73781	4.251	ug/L	100
61) Bromoform	12.01	173	42520	4.194	ug/L	92
62) 1,3-Dichlorobenzene	13.16	146	353518	4.847	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	377141	4.657	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	300607	4.742	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.14	75	10823	3.860	ug/L #	81
67) 1,3,5-Trichlorobenzene	14.29	180	231352	4.857	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	153136	4.676	ug/L	100
69) Naphthalene	15.00	128	193159	4.606	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	121958	4.829	ug/L	99

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

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