

Data File : VR025744.D
Acq On : 17 Sep 2018 14:15
Operator : SY/MD
Sample : VSTD01008
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD01008

Manual Integrations
APPROVED

MMDadoda
9/18/2018 7:00:14 PM

Quant Time: Sep 17 14:50:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 14:42:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	751212	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	663063	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	289504	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	379879	11.63	ug/L	0.01
7) Chloroethane-d5	2.63	69	303638	11.36	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.64	63	980505	10.98	ug/L	0.01
20) 2-Butanone-d5	6.59	46	369923	112.20	ug/L	0.00
24) Chloroform-d	7.20	84	886701	11.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	312250	12.33	ug/L	0.00
32) Benzene-d6	7.85	84	2084188	11.63	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	553288	11.46	ug/L	0.00
41) Toluene-d8	9.97	98	1984515	11.59	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	132533	11.12	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	470793	132.08	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	256908	12.16	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	449558	10.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	436327	11.390 ug/L	99
3) Chloromethane	2.01	50	441042	9.379 ug/L	96
5) Vinyl chloride	2.18	62	459225	9.825 ug/L	96
6) Bromomethane	2.52	94	317840	9.500 ug/L	99
8) Chloroethane	2.66	64	266105	9.696 ug/L	99
9) Trichlorofluoromethane	2.94	101	871911m	10.119 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	474907	10.228 ug/L	99
12) 1,1-Dichloroethene	3.65	96	450196	9.187 ug/L	92
13) Acetone	3.70	43	196296	88.349 ug/L	92
14) Carbon disulfide	3.97	76	1132486	9.794 ug/L	99
15) Methyl Acetate	4.19	43	66748	8.426 ug/L	92
16) Methylene chloride	4.41	84	386075	8.898 ug/L	88
17) Methyl tert-butyl Ether	4.90	73	658517	10.923 ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	616195	10.288 ug/L	98
19) 1,1-Dichloroethane	5.69	63	993186	10.754 ug/L	97
21) 2-Butanone	6.69	43	544604	116.147 ug/L	94
22) cis-1,2-Dichloroethene	6.68	96	591175	11.345 ug/L	# 98
23) Bromochloromethane	7.05	128	172670	9.659 ug/L	94
25) Chloroform	7.23	83	897412	10.635 ug/L	95
27) 1,2-Dichloroethane	7.99	62	357852	10.747 ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	671413	10.165 ug/L	99
30) Cyclohexane	7.52	56	995569	12.543 ug/L	99
31) Carbon tetrachloride	7.64	117	665769	10.398 ug/L	100
33) Benzene	7.91	78	2527743	10.700 ug/L	100
34) Trichloroethene	8.71	95	577483	10.086 ug/L	97
35) Methylcyclohexane	8.95	83	1057897	11.972 ug/L	100
37) 1,2-Dichloropropane	9.00	63	541161	10.161 ug/L	98
38) Bromodichloromethane	9.28	83	512431	10.714 ug/L	92
39) cis-1,3-Dichloropropene	9.72	75	627163	11.516 ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	1590336	120.806 ug/L	97

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42) Toluene	10.04	91	2665984	11.026	ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	440402	11.498	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	237081	9.504	ug/L	98
47) Tetrachloroethene	10.51	164	450940	9.618	ug/L	95
48) 2-Hexanone	10.63	43	1118641	121.166	ug/L	99
49) Dibromochloromethane	10.79	129	285737	10.753	ug/L	91
50) 1,2-Dibromoethane	10.89	107	203087	10.248	ug/L #	97
51) Chlorobenzene	11.32	112	1547147	10.179	ug/L	99
52) Ethylbenzene	11.39	91	2935125	11.266	ug/L	99
53) m,p-Xylene	11.50	106	1179781	11.254	ug/L	100
54) o-Xylene	11.83	106	1123717	12.166	ug/L	98
55) Styrene	11.84	104	1793487	12.058	ug/L	96
56) Isopropylbenzene	12.13	105	2941977	12.783	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.39	83	269316	11.085	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	176755	10.816	ug/L	96
61) Bromoform	12.01	173	121910	9.842	ug/L	92
62) 1,3-Dichlorobenzene	13.16	146	956746	10.579	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	1006753	9.788	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	795066	10.191	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.14	75	21878	9.536	ug/L	94
67) 1,3,5-Trichlorobenzene	14.29	180	574553	10.686	ug/L	97
68) 1,2,4-trichlorobenzene	14.79	180	366059	11.100	ug/L	97
69) Naphthalene	15.00	128	452677	12.271	ug/L	97
70) 1,2,3-Trichlorobenzene	15.18	180	273389	10.473	ug/L	99

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

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