

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021119\
 Data File : VR026307.D
 Acq On : 11 Feb 2019 13:49
 Operator : SY/MD
 Sample : VSTD01084
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD01084

Manual Integrations
 APPROVED

mohammad
 2/16/2019 1:21:58 AM

Quant Time: Feb 14 06:22:33 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu Feb 14 04:34:21 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	587113	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	511898	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	205785	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	507136	9.47	ug/L	0.00
7) Chloroethane-d5	2.63	69	422832	9.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	1230000	9.56	ug/L	0.00
20) 2-Butanone-d5	6.58	46	390547	114.24	ug/L	0.00
24) Chloroform-d	7.20	84	867073	9.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	325369	10.05	ug/L	0.00
32) Benzene-d6	7.85	84	1797141	10.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	438808	9.80	ug/L	0.00
41) Toluene-d8	9.97	98	1752538	10.74	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	125521	10.40	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	349383	127.62	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	165484	9.74	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	341191	9.91	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	484581	8.958	ug/L 99
3) Chloromethane	2.02	50	549190	8.891	ug/L 98
5) Vinyl chloride	2.17	62	556705	8.947	ug/L 97
6) Bromomethane	2.53	94	362997	9.070	ug/L 92
8) Chloroethane	2.66	64	339137	9.072	ug/L 98
9) Trichlorofluoromethane	2.93	101	916411m	9.035	ug/L
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	473718	8.888	ug/L 99
12) 1,1-Dichloroethene	3.62	96	510152	9.095	ug/L 82
13) Acetone	3.69	43	325261	90.353	ug/L 100
14) Carbon disulfide	3.93	76	1723071	9.395	ug/L 100
15) Methyl Acetate	4.19	43	89697	9.078	ug/L 100
16) Methylene chloride	4.40	84	413431	8.705	ug/L 95
17) Methyl tert-butyl Ether	4.89	73	498968	10.098	ug/L 98
18) trans-1,2-Dichloroethene	4.88	96	485157	9.529	ug/L 95
19) 1,1-Dichloroethane	5.69	63	813267	9.306	ug/L 99
21) 2-Butanone	6.68	43	445800	109.390	ug/L 98
22) cis-1,2-Dichloroethene	6.67	96	443055	10.789	ug/L # 86
23) Bromochloromethane	7.04	128	120447	9.403	ug/L 92
25) Chloroform	7.23	83	793703	9.349	ug/L 95
27) 1,2-Dichloroethane	7.99	62	348923	9.501	ug/L 97
29) 1,1,1-Trichloroethane	7.43	97	761921	9.042	ug/L 98
30) Cyclohexane	7.51	56	767782	11.380	ug/L 100
31) Carbon tetrachloride	7.63	117	692366	8.864	ug/L 96
33) Benzene	7.90	78	1945880	9.607	ug/L 100
34) Trichloroethene	8.71	95	491208	9.406	ug/L 99
35) Methylcyclohexane	8.95	83	793320	10.924	ug/L 97
37) 1,2-Dichloropropane	8.99	63	397203	9.082	ug/L # 97
38) Bromodichloromethane	9.28	83	448526	9.197	ug/L 97
39) cis-1,3-Dichloropropene	9.72	75	501061	11.134	ug/L 98
40) 4-Methyl-2-pentanone	9.86	43	1145383	113.615	ug/L 100

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42) Toluene	10.03	91	2099733	10.086	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	355024	10.634	ug/L	97
45) 1,1,2-Trichloroethane	10.45	97	164661	9.017	ug/L	98
47) Tetrachloroethene	10.51	164	377476	9.420	ug/L	95
48) 2-Hexanone	10.63	43	759444	112.031	ug/L	100
49) Dibromochloromethane	10.78	129	222349	9.474	ug/L	98
50) 1,2-Dibromoethane	10.88	107	140451	9.673	ug/L #	89
51) Chlorobenzene	11.32	112	1101392	9.253	ug/L	97
52) Ethylbenzene	11.39	91	2406160	10.338	ug/L	98
53) m,p-Xylene	11.50	106	892972	10.500	ug/L	95
54) o-Xylene	11.83	106	829393	11.308	ug/L	92
55) Styrene	11.84	104	1262234	10.955	ug/L	99
56) Isopropylbenzene	12.13	105	2337399	11.210	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.39	83	152430	9.011	ug/L	97
59) 1,2,3-Trichloropropane	12.43	75	113654	9.322	ug/L	100
61) Bromoform	12.01	173	88695	8.752	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	663890	9.877	ug/L	95
63) 1,4-Dichlorobenzene	13.24	146	693027	9.032	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	555039	9.636	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.14	75	16335	8.836	ug/L	85
67) 1,3,5-Trichlorobenzene	14.29	180	423935	9.841	ug/L	99
68) 1,2,4-trichlorobenzene	14.78	180	244689	10.525	ug/L	97
69) Naphthalene	15.00	128	247325	11.855	ug/L	97
70) 1,2,3-Trichlorobenzene	15.18	180	176429	10.514	ug/L	99

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

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