

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022619\
 Data File : VR026384.D
 Acq On : 26 Feb 2019 10:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 27 07:31:14 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Feb 26 06:18:07 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	506632	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	414214	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	165360	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	212956	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	2.62	69	183753	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	3.61	63	545184	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	6.58	46	184184	50.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.84%
24) Chloroform-d	7.20	84	392503	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	7.89	65	158889	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	7.85	84	748367	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	8.89	67	190533	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	9.97	98	699591	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	10.23	79	47531	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	10.59	63	151979	57.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.68%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	74095	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	135899	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	200179	4.682	ug/L 96
3) Chloromethane	2.00	50	243833	4.518	ug/L 99
5) Vinyl chloride	2.15	62	244605	4.675	ug/L 91
6) Bromomethane	2.51	94	136880	4.541	ug/L 98
8) Chloroethane	2.65	64	140333	4.458	ug/L 99
9) Trichlorofluoromethane	2.94	101	349237	5.129	ug/L # 51
10) 1,1,2-Trichloro-1,2,2-trif	3.66	101	196610	4.956	ug/L 96
12) 1,1-Dichloroethene	3.62	96	208535	4.711	ug/L 94
13) Acetone	3.70	43	145977	44.858	ug/L 98
14) Carbon disulfide	3.93	76	652077	4.624	ug/L 97
15) Methyl Acetate	4.19	43	38816	4.215	ug/L 98
16) Methylene chloride	4.40	84	160131	4.140	ug/L 92
17) Methyl tert-butyl Ether	4.90	73	192654	4.652	ug/L 98
18) trans-1,2-Dichloroethene	4.88	96	182291	4.515	ug/L 88
19) 1,1-Dichloroethane	5.69	63	337640	4.565	ug/L 99
21) 2-Butanone	6.69	43	182696	44.794	ug/L 98
22) cis-1,2-Dichloroethene	6.67	96	166104	4.900	ug/L 93

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	45695	4.351	ug/L	87
25) Chloroform	7.23	83	323332	4.559	ug/L	92
27) 1,2-Dichloroethane	7.99	62	153239	4.566	ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	291023	4.848	ug/L	99
30) Cyclohexane	7.51	56	304784	5.309	ug/L	96
31) Carbon tetrachloride	7.63	117	274698	4.923	ug/L	98
33) Benzene	7.90	78	743889	4.673	ug/L	100
34) Trichloroethene	8.71	95	187673	4.687	ug/L	97
35) Methylcyclohexane	8.95	83	300093	5.284	ug/L	100
37) 1,2-Dichloropropane	8.99	63	152502	4.511	ug/L	98
38) Bromodichloromethane	9.28	83	174059	4.491	ug/L	95
39) cis-1,3-Dichloropropene	9.72	75	178587	4.837	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	472238	51.093	ug/L	99
42) Toluene	10.03	91	772810	4.833	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	127560	4.739	ug/L	95
45) 1,1,2-Trichloroethane	10.45	97	62587	4.482	ug/L	90
47) Tetrachloroethene	10.51	164	134841	4.644	ug/L	95
48) 2-Hexanone	10.63	43	321595	50.355	ug/L	98
49) Dibromochloromethane	10.78	129	80693	4.648	ug/L	93
50) 1,2-Dibromoethane	10.88	107	51011	4.686	ug/L #	94
51) Chlorobenzene	11.31	112	406286	4.648	ug/L	98
52) Ethylbenzene	11.39	91	918952	5.114	ug/L	99
53) m,p-Xylene	11.50	106	324778	5.070	ug/L	96
54) o-Xylene	11.83	106	293515	5.250	ug/L	100
55) Styrene	11.84	104	452570	5.121	ug/L	99
56) Isopropylbenzene	12.13	105	875838	5.516	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.39	83	59298	4.661	ug/L #	92
59) 1,2,3-Trichloropropane	12.43	75	46935	5.039	ug/L	97
61) Bromoform	12.01	173	31807	4.148	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	236115	4.701	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	260467	4.670	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	198861	4.785	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.14	75	6274	4.057	ug/L	95
67) 1,3,5-Trichlorobenzene	14.29	180	146772	4.716	ug/L	98
68) 1,2,4-trichlorobenzene	14.78	180	84577	4.734	ug/L	98
69) Naphthalene	15.00	128	73720	4.470	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	61396	4.879	ug/L	98

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

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