

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022619\
 Data File : VR026396.D
 Acq On : 26 Feb 2019 19:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 27 07:35:15 2019

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

Quant Title : TRACE VOA SOM01.0

QLast Update : Wed Feb 27 07:30:50 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	499351	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	415107	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	167453	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	213147	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	2.62	69	182642	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	3.61	63	557987	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	6.59	46	184829	51.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.68%
24) Chloroform-d	7.20	84	390354	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	7.90	65	157452	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	7.85	84	722918	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	8.90	67	181715	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	9.97	98	681871	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	10.23	79	46641	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	10.59	63	155764	59.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.30%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71978	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	132217	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	234446	5.563 ug/L	95
3) Chloromethane	2.00	50	282383	5.309 ug/L	98
5) Vinyl chloride	2.15	62	271547	5.265 ug/L	100
6) Bromomethane	2.51	94	157823	5.312 ug/L	99
8) Chloroethane	2.65	64	159491	5.140 ug/L	96
9) Trichlorofluoromethane	2.93	101	403567	6.014 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	218563	5.589 ug/L	98
12) 1,1-Dichloroethene	3.62	96	235922	5.408 ug/L	87
13) Acetone	3.70	43	175525	54.724 ug/L	99
14) Carbon disulfide	3.93	76	724179	5.210 ug/L	99
15) Methyl Acetate	4.19	43	45871	5.053 ug/L	97
16) Methylene chloride	4.40	84	189317	4.966 ug/L	90
17) Methyl tert-butyl Ether	4.89	73	214446	5.253 ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	200642	5.042 ug/L	92
19) 1,1-Dichloroethane	5.69	63	360587	4.946 ug/L	97
21) 2-Butanone	6.69	43	217200	54.030 ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	179693	5.378 ug/L #	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	7.05	128	49737	4.805	ug/L	95
25) Chloroform	7.23	83	361973	5.178	ug/L	91
27) 1,2-Dichloroethane	7.99	62	169407	5.121	ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	319730	5.315	ug/L	99
30) Cyclohexane	7.51	56	341002	5.928	ug/L	97
31) Carbon tetrachloride	7.63	117	309619	5.537	ug/L	99
33) Benzene	7.90	78	810507	5.081	ug/L	100
34) Trichloroethene	8.71	95	207667	5.175	ug/L	98
35) Methylcyclohexane	8.95	83	327773	5.759	ug/L	98
37) 1,2-Dichloropropane	8.99	63	174369	5.147	ug/L #	96
38) Bromodichloromethane	9.28	83	197268	5.079	ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	192401	5.200	ug/L	95
40) 4-Methyl-2-pentanone	9.86	43	546406	58.990	ug/L	99
42) Toluene	10.03	91	868097	5.418	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	136829	5.072	ug/L	97
45) 1,1,2-Trichloroethane	10.44	97	69669	4.978	ug/L	94
47) Tetrachloroethene	10.51	164	148048	5.088	ug/L	94
48) 2-Hexanone	10.63	43	371037	57.972	ug/L	98
49) Dibromochloromethane	10.79	129	89682	5.155	ug/L	94
50) 1,2-Dibromoethane	10.89	107	58252	5.340	ug/L #	96
51) Chlorobenzene	11.32	112	461380	5.267	ug/L	97
52) Ethylbenzene	11.39	91	1026638	5.701	ug/L	100
53) m,p-Xylene	11.50	106	361333	5.629	ug/L	96
54) o-Xylene	11.83	106	330870	5.905	ug/L	97
55) Styrene	11.84	104	511837	5.779	ug/L	100
56) Isopropylbenzene	12.13	105	977241	6.141	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	65776	5.159	ug/L #	97
59) 1,2,3-Trichloropropane	12.43	75	52102	5.582	ug/L	95
61) Bromoform	12.01	173	33836	4.357	ug/L #	95
62) 1,3-Dichlorobenzene	13.16	146	264280	5.196	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	288221	5.103	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	219143	5.208	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.14	75	7226	4.614	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.29	180	165473	5.251	ug/L	95
68) 1,2,4-trichlorobenzene	14.78	180	95047	5.254	ug/L	97
69) Naphthalene	15.00	128	84377	5.053	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	68886	5.406	ug/L	98

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

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