

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040619\
 Data File : VR026485.D
 Acq On : 6 Apr 2019 20:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00561

Quant Time: Apr 06 23:23:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 06 05:54:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	465149	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	395166	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	161903	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	186703	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	2.63	69	159221	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	3.61	63	517417	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.20%
20) 2-Butanone-d5	6.59	46	187826	59.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.22%
24) Chloroform-d	7.20	84	374132	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	7.89	65	160108	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	7.85	84	698117	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
36) 1,2-Dichloropropane-d6	8.89	67	180961	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	9.97	98	658673	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.40%
43) trans-1,3-Dichloropropene-	10.24	79	41530	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	10.59	63	165241	71.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.06%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76000	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	132998	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	232300	4.873	ug/L 96
3) Chloromethane	2.01	50	264133	5.253	ug/L 96
5) Vinyl chloride	2.17	62	269059	5.445	ug/L 97
6) Bromomethane	2.52	94	154134	5.335	ug/L 97
8) Chloroethane	2.66	64	155373	5.546	ug/L 97
9) Trichlorofluoromethane	2.93	101	376496	5.504	ug/L # 60
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	203752	5.399	ug/L 97
12) 1,1-Dichloroethene	3.63	96	232614	5.639	ug/L 95
13) Acetone	3.70	43	198315	62.280	ug/L 96
14) Carbon disulfide	3.93	76	612093	5.112	ug/L 98
15) Methyl Acetate	4.19	43	49732	5.788	ug/L # 81
16) Methylene chloride	4.40	84	192522	5.249	ug/L 97
17) Methyl tert-butyl Ether	4.90	73	243460	5.189	ug/L 97
18) trans-1,2-Dichloroethene	4.88	96	211990	5.446	ug/L 96
19) 1,1-Dichloroethane	5.69	63	396977	5.489	ug/L 97
21) 2-Butanone	6.69	43	273218	66.735	ug/L 97
22) cis-1,2-Dichloroethene	6.67	96	195009	6.024	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	56696	5.621	ug/L	98
25) Chloroform	7.23	83	392151	5.667	ug/L	99
27) 1,2-Dichloroethane	7.99	62	203182	5.888	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	330807	5.072	ug/L	97
30) Cyclohexane	7.51	56	347248	5.730	ug/L	98
31) Carbon tetrachloride	7.63	117	325052	5.261	ug/L	99
33) Benzene	7.90	78	878001	5.685	ug/L	100
34) Trichloroethene	8.71	95	218717	5.287	ug/L	98
35) Methylcyclohexane	8.95	83	313174	5.309	ug/L	99
37) 1,2-Dichloropropane	8.99	63	186158	5.501	ug/L	100
38) Bromodichloromethane	9.28	83	222598	5.692	ug/L	94
39) cis-1,3-Dichloropropene	9.72	75	214471	5.838	ug/L	100
40) 4-Methyl-2-pentanone	9.86	43	686616	69.238	ug/L	98
42) Toluene	10.03	91	933563	5.899	ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	146216	5.456	ug/L	93
45) 1,1,2-Trichloroethane	10.45	97	79415	5.801	ug/L	90
47) Tetrachloroethene	10.51	164	155206	5.272	ug/L	96
48) 2-Hexanone	10.63	43	464130	70.364	ug/L	99
49) Dibromochloromethane	10.79	129	99688	5.559	ug/L	89
50) 1,2-Dibromoethane	10.89	107	68336	5.803	ug/L	92
51) Chlorobenzene	11.32	112	491096	5.530	ug/L	99
52) Ethylbenzene	11.39	91	1086896	5.961	ug/L	99
53) m,p-Xylene	11.50	106	388070	5.939	ug/L	94
54) o-Xylene	11.83	106	352133	6.133	ug/L	98
55) Styrene	11.84	104	557107	6.146	ug/L	96
56) Isopropylbenzene	12.13	105	1015026	6.229	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.38	83	81327	6.118	ug/L	98
59) 1,2,3-Trichloropropane	12.43	75	60479	5.931	ug/L	100
61) Bromoform	12.01	173	36203	5.011	ug/L	91
62) 1,3-Dichlorobenzene	13.16	146	287831	5.547	ug/L	95
63) 1,4-Dichlorobenzene	13.24	146	311280	5.343	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	242244	5.627	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.14	75	8008	4.840	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.29	180	174675	5.152	ug/L	99
68) 1,2,4-trichlorobenzene	14.78	180	98177	5.210	ug/L	96
69) Naphthalene	15.00	128	99399	5.609	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	79512	6.088	ug/L	96

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

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