

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
 Data File : VV010581.D
 Acq On : 30 Apr 2019 18:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00553

Quant Time: May 01 07:53:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 01 07:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	213402	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	207930	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99076	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60171	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	30843	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.00%
11) 1,1-Dichloroethene-d2	2.13	63	116117	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.40%
20) 2-Butanone-d5	3.95	46	146745	54.24	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.48%
24) Chloroform-d	4.40	84	131825	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.08	65	65073	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	259334	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.12	67	77443	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.36	98	253105	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
43) trans-1,3-Dichloropropene-	7.67	79	28444	5.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.60%
46) 2-Hexanone-d5	8.14	63	120721	55.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56011	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	88828	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	94721	5.027 ug/L	99
3) Chloromethane	1.25	50	83551	4.678 ug/L	99
5) Vinyl chloride	1.32	62	86416	4.914 ug/L	100
6) Bromomethane	1.53	94	37883	5.440 ug/L	90
8) Chloroethane	1.59	64	31587	3.683 ug/L	95
9) Trichlorofluoromethane	1.77	101	139053	4.959 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	70426	4.943 ug/L	98
12) 1,1-Dichloroethene	2.14	96	63486	5.108 ug/L	94
13) Acetone	2.21	43	80524	48.142 ug/L	99
14) Carbon disulfide	2.32	76	174364	4.954 ug/L	97
15) Methyl Acetate	2.47	43	21833	3.909 ug/L	99
16) Methylene chloride	2.53	84	73063	4.607 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	143955	5.093 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	70344	5.125 ug/L	98
19) 1,1-Dichloroethane	3.23	63	129217	5.070 ug/L	99
21) 2-Butanone	4.03	43	154457	51.771 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	76546	5.045 ug/L	98

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD00553

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

23) Bromochloromethane	4.30	128	31263	5.105	ug/L	99
25) Chloroform	4.43	83	137369	5.031	ug/L	100
27) 1,2-Dichloroethane	5.18	62	79665	5.107	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	117500	5.179	ug/L	97
30) Cyclohexane	4.72	56	110480	5.268	ug/L	96
31) Carbon tetrachloride	4.87	117	110163	5.269	ug/L	98
33) Benzene	5.15	78	292494	5.441	ug/L	100
34) Trichloroethene	5.96	95	80030	5.121	ug/L	98
35) Methylcyclohexane	6.17	83	111312	5.117	ug/L	98
37) 1,2-Dichloropropane	6.22	63	66573	4.987	ug/L	100
38) Bromodichloromethane	6.56	83	88310	5.101	ug/L #	97
39) cis-1,3-Dichloropropene	7.07	75	100380	5.380	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	395092	54.568	ug/L	99
42) Toluene	7.43	91	324529	5.414	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	75847	5.360	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	49304	5.415	ug/L	94
47) Tetrachloroethene	8.02	164	59826	5.019	ug/L	97
48) 2-Hexanone	8.19	43	286331	54.987	ug/L	98
49) Dibromochloromethane	8.29	129	59480	5.393	ug/L	93
50) 1,2-Dibromoethane	8.40	107	46281	5.353	ug/L	94
51) Chlorobenzene	8.93	112	208102	5.225	ug/L	99
52) Ethylbenzene	9.05	91	346615	5.306	ug/L	99
53) m,p-xylene	9.18	106	136215	5.479	ug/L	100
54) o-xylene	9.59	106	130296	5.277	ug/L	100
55) Styrene	9.60	104	215233	5.357	ug/L	98
56) Isopropylbenzene	9.97	105	343040	5.402	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	56363	5.057	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	40943	5.042	ug/L	99
61) Bromoform	9.77	173	28528	5.186	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	152069	5.085	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	153692	5.086	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	146078	5.156	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	8848	5.056	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	113668	5.137	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	87793	5.188	ug/L	96
69) Naphthalene	13.55	128	140162	5.172	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	82003	5.280	ug/L	97

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

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