

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072618\
 Data File : VV006706.D
 Acq On : 26 Jul 2018 11:35
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00561

Quant Time: Jul 27 00:49:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 24 02:34:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	327523	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	304602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	146515	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91524	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.58	69	66213	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	173217	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.60%
20) 2-Butanone-d5	3.96	46	201650	37.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.72%
24) Chloroform-d	4.40	84	153405	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	71468	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.10	84	317628	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	99815	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	296872	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	7.67	79	36194	5.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.80%
46) 2-Hexanone-d5	8.14	63	176803	40.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	71171	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	102482	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	136789	4.64	ug/L	96
3) Chloromethane	1.25	50	124335	4.97	ug/L	99
5) Vinyl chloride	1.32	62	146309	4.67	ug/L	98
6) Bromomethane	1.54	94	40963	5.34	ug/L	99
8) Chloroethane	1.60	64	80393	4.69	ug/L	100
9) Trichlorofluoromethane	1.77	101	171863	4.78	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	108022	4.93	ug/L	99
12) 1,1-Dichloroethene	2.14	96	99023	4.62	ug/L	92
13) Acetone	2.21	43	162411	47.93	ug/L	99
14) Carbon disulfide	2.32	76	325147	4.51	ug/L	100
15) Methyl Acetate	2.47	43	45824	4.56	ug/L	97
16) Methylene chloride	2.54	84	108366	4.41	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	247861	4.71	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	109267	4.69	ug/L	98
19) 1,1-Dichloroethane	3.23	63	203882	4.76	ug/L	99
21) 2-Butanone	4.04	43	266638	46.98	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	113965	4.69	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	47038	4.70	ug/L	97
25) Chloroform	4.43	83	189857	4.72	ug/L	97
27) 1,2-Dichloroethane	5.19	62	111136	4.71	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	159970	4.88	ug/L	100
30) Cyclohexane	4.72	56	180845	4.93	ug/L	99
31) Carbon tetrachloride	4.88	117	139396	4.98	ug/L	99
33) Benzene	5.15	78	445630	4.87	ug/L	100
34) Trichloroethene	5.96	95	111454	4.82	ug/L	99
35) Methylcyclohexane	6.18	83	193542	5.01	ug/L	100
37) 1,2-Dichloropropane	6.22	63	113206	4.82	ug/L	100
38) Bromodichloromethane	6.56	83	129052	4.91	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	152096	4.97	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	632260	48.93	ug/L	100
42) Toluene	7.43	91	464820	4.93	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	120067	4.99	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	76110	4.81	ug/L	99
47) Tetrachloroethene	8.02	164	91303	4.97	ug/L	99
48) 2-Hexanone	8.19	43	449006	49.80	ug/L	100
49) Dibromochloromethane	8.30	129	82570	4.93	ug/L	100
50) 1,2-Dibromoethane	8.40	107	67744	4.79	ug/L	98
51) Chlorobenzene	8.93	112	295710	4.82	ug/L	100
52) Ethylbenzene	9.06	91	499076	4.97	ug/L	100
53) m,p-xylene	9.19	106	193596	5.10	ug/L	98
54) o-xylene	9.59	106	183445	4.96	ug/L	95
55) Styrene	9.61	104	315352	5.06	ug/L	98
56) Isopropylbenzene	9.98	105	486768	5.07	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	89140	4.60	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	64390	4.65	ug/L	100
61) Bromoform	9.78	173	42403	4.76	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	217788	4.81	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	223119	4.83	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	208368	4.72	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	12187	4.62	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	170525	4.93	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	135435	4.93	ug/L	100
69) Naphthalene	13.56	128	227037	4.83	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	127572	4.91	ug/L	98

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

