

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080318\
 Data File : VV006853.D
 Acq On : 03 Aug 2018 18:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00579

Quant Time: Aug 04 04:27:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 04:21:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	242204	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229712	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99063	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83639	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.58	69	71829	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.13	63	159602	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.60%
20) 2-Butanone-d5	3.96	46	214698	52.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.54%
24) Chloroform-d	4.40	84	148217	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.09	65	75617	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.10	84	282551	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.12	67	94125	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	258819	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.67	79	33947	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.14	63	143563	44.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76884	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	82479	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	103654	5.36	ug/L 98
3) Chloromethane	1.25	50	119346	4.27	ug/L 98
5) Vinyl chloride	1.32	62	114825	5.28	ug/L 97
6) Bromomethane	1.53	94	27198	5.02	ug/L 97
8) Chloroethane	1.60	64	75740	5.19	ug/L 99
9) Trichlorofluoromethane	1.77	101	145052	5.46	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	91892	5.50	ug/L 99
12) 1,1-Dichloroethene	2.14	96	82242	5.31	ug/L 99
13) Acetone	2.20	43	172329	60.06	ug/L 99
14) Carbon disulfide	2.32	76	237230	5.17	ug/L 98
15) Methyl Acetate	2.47	43	47749	5.53	ug/L 100
16) Methylene chloride	2.54	84	96106	5.19	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	228698	5.51	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	89314	5.30	ug/L 99
19) 1,1-Dichloroethane	3.23	63	175602	5.58	ug/L 98
21) 2-Butanone	4.05	43	259901	59.28	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	89212	4.93	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	41030	5.21	ug/L	97
25) Chloroform	4.43	83	167160	5.46	ug/L	97
27) 1,2-Dichloroethane	5.19	62	101389	5.44	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	138731	5.21	ug/L	99
30) Cyclohexane	4.72	56	122302	4.43	ug/L	98
31) Carbon tetrachloride	4.88	117	114877	5.24	ug/L	97
33) Benzene	5.15	78	348562	4.94	ug/L	100
34) Trichloroethene	5.96	95	86188	4.80	ug/L	97
35) Methylcyclohexane	6.18	83	128140	4.49	ug/L	98
37) 1,2-Dichloropropane	6.22	63	95741	5.17	ug/L	98
38) Bromodichloromethane	6.56	83	114019	5.41	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	116982	4.90	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	556061	54.29	ug/L	98
42) Toluene	7.43	91	345922	4.98	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	99146	5.04	ug/L	93
45) 1,1,2-Trichloroethane	7.89	97	71934	5.38	ug/L	98
47) Tetrachloroethene	8.02	164	71379	4.99	ug/L	95
48) 2-Hexanone	8.20	43	405124	58.30	ug/L	99
49) Dibromochloromethane	8.30	129	73908	5.46	ug/L	99
50) 1,2-Dibromoethane	8.40	107	60384	5.30	ug/L	99
51) Chlorobenzene	8.93	112	217372	4.86	ug/L	99
52) Ethylbenzene	9.06	91	329649	4.54	ug/L	99
53) m,p-xylene	9.19	106	123853	4.60	ug/L	98
54) o-xylene	9.59	106	119965	4.42	ug/L	100
55) Styrene	9.61	104	191637	4.49	ug/L	97
56) Isopropylbenzene	9.98	105	314642	4.55	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	88756	5.48	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	63747	5.60	ug/L	100
61) Bromoform	9.78	173	39309	5.83	ug/L	94
62) 1,3-Dichlorobenzene	11.23	146	151258	4.83	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	149098	4.81	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	150909	4.91	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	11988	5.61	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	116637	4.84	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	86500	4.62	ug/L	98
69) Naphthalene	13.56	128	142508	4.37	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	86599	4.80	ug/L	100

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

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