

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
 Data File : VV007519.D
 Acq On : 13 Sep 2018 19:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00579

Quant Time: Sep 14 04:47:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 04:44:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	134387	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	120904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63035	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32972	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.59	69	27164	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.14	63	70726	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	3.97	46	48871	49.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.82%
24) Chloroform-d	4.41	84	70302	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.09	65	34699	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	135688	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.12	67	39891	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	140280	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.67	79	18193	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.14	63	30118	49.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.74%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	27747	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	57727	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	36429	5.008 ug/L	99
3) Chloromethane	1.25	50	30552	4.832 ug/L	97
5) Vinyl chloride	1.32	62	34434	4.878 ug/L	99
6) Bromomethane	1.54	94	24753	4.913 ug/L	97
8) Chloroethane	1.60	64	21050	4.892 ug/L	95
9) Trichlorofluoromethane	1.77	101	69448	4.988 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	38044	5.007 ug/L	99
12) 1,1-Dichloroethene	2.15	96	33558	4.920 ug/L	94
13) Acetone	2.21	43	29099	45.504 ug/L	96
14) Carbon disulfide	2.32	76	100913	5.057 ug/L	98
15) Methyl Acetate	2.47	43	7717	4.403 ug/L	98
16) Methylene chloride	2.54	84	34071	4.621 ug/L	97
17) Methyl tert-butyl Ether	2.82	73	77439	4.719 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	36320	4.895 ug/L	99
19) 1,1-Dichloroethane	3.23	63	53818	4.975 ug/L	98
21) 2-Butanone	4.05	43	47792	44.551 ug/L	90
22) cis-1,2-Dichloroethene	3.97	96	36268	4.959 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	16432	5.125	ug/L	97
25) Chloroform	4.43	83	61628	4.985	ug/L	99
27) 1,2-Dichloroethane	5.19	62	34966	4.913	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	58568	4.981	ug/L	98
30) Cyclohexane	4.73	56	51618	5.035	ug/L	98
31) Carbon tetrachloride	4.88	117	55109	4.995	ug/L	99
33) Benzene	5.15	78	126313	5.059	ug/L	100
34) Trichloroethene	5.96	95	39106	5.107	ug/L	98
35) Methylcyclohexane	6.18	83	61146	5.171	ug/L	98
37) 1,2-Dichloropropane	6.23	63	30371	4.937	ug/L	98
38) Bromodichloromethane	6.56	83	43969	4.928	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	49674	5.078	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	164834	48.527	ug/L	99
42) Toluene	7.44	91	142551	4.942	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	38491	4.783	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	22984	5.003	ug/L	98
47) Tetrachloroethene	8.02	164	34968	5.086	ug/L	98
48) 2-Hexanone	8.20	43	129093	50.059	ug/L	94
49) Dibromochloromethane	8.30	129	32083	4.906	ug/L	98
50) 1,2-Dibromoethane	8.40	107	22266	4.991	ug/L	98
51) Chlorobenzene	8.93	112	97648	5.034	ug/L	99
52) Ethylbenzene	9.06	91	162436	5.000	ug/L	98
53) m,p-xylene	9.19	106	62535	4.968	ug/L	94
54) o-xylene	9.59	106	61608	4.998	ug/L	99
55) Styrene	9.61	104	101876	5.074	ug/L	97
56) Isopropylbenzene	9.98	105	169151	5.054	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	22377	4.973	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	18053	4.799	ug/L	94
61) Bromoform	9.78	173	19143	5.116	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	83075	5.217	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	83638	5.252	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	75836	5.117	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.49	75	4112	5.393	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	68583	5.518	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	52997	5.921	ug/L	99
69) Naphthalene	13.56	128	63570	5.867	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	46447	5.691	ug/L	97

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

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