

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007941.D
 Acq On : 28 Sep 2018 06:46
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00579

Quant Time: Sep 28 07:48:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 03:46:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	89963	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47692	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20841	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.59	69	20197	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.14	63	51397	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	3.96	46	67296	46.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.78%
24) Chloroform-d	4.41	84	54267	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.09	65	28514	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.10	84	100517	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.13	67	31498	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.36	98	103557	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.67	79	11411	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.14	63	55204	48.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24626	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	42517	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	38474	5.099	ug/L 99
3) Chloromethane	1.25	50	34331	5.114	ug/L 97
5) Vinyl chloride	1.32	62	35357	4.919	ug/L 97
6) Bromomethane	1.54	94	15903	3.587	ug/L 96
8) Chloroethane	1.60	64	22257	5.135	ug/L 99
9) Trichlorofluoromethane	1.78	101	59681	5.087	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	33137	4.980	ug/L 99
12) 1,1-Dichloroethene	2.15	96	29004	4.877	ug/L 91
13) Acetone	2.21	43	46724	44.208	ug/L 99
14) Carbon disulfide	2.32	76	75284	4.670	ug/L 98
15) Methyl Acetate	2.47	43	12966	4.797	ug/L 95
16) Methylene chloride	2.54	84	42012	6.358	ug/L 94
17) Methyl tert-butyl Ether	2.82	73	72310	4.922	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	32523	4.961	ug/L 98
19) 1,1-Dichloroethane	3.23	63	55253	4.940	ug/L 99
21) 2-Butanone	4.05	43	74714	44.370	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	32974	4.968	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	14676	5.084	ug/L	91
25) Chloroform	4.44	83	61571	5.090	ug/L	97
27) 1,2-Dichloroethane	5.19	62	38394	4.932	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	52907	5.003	ug/L	100
30) Cyclohexane	4.73	56	47985	4.827	ug/L	99
31) Carbon tetrachloride	4.88	117	46944	5.035	ug/L	99
33) Benzene	5.15	78	128121	5.088	ug/L	100
34) Trichloroethene	5.96	95	34281	4.754	ug/L	93
35) Methylcyclohexane	6.18	83	52027	4.812	ug/L	98
37) 1,2-Dichloropropane	6.23	63	32837	5.104	ug/L	98
38) Bromodichloromethane	6.56	83	38257	4.973	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	40277	4.680	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	194842	48.252	ug/L	100
42) Toluene	7.43	91	143086	5.217	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	32985	4.611	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	23228	5.003	ug/L	98
47) Tetrachloroethene	8.02	164	32720	4.897	ug/L	97
48) 2-Hexanone	8.19	43	136714	48.680	ug/L	97
49) Dibromochloromethane	8.30	129	26416	4.984	ug/L	95
50) 1,2-Dibromoethane	8.40	107	21736	5.122	ug/L	99
51) Chlorobenzene	8.93	112	95127	5.022	ug/L	99
52) Ethylbenzene	9.06	91	154503	5.050	ug/L	100
53) m,p-xylene	9.19	106	59821	5.135	ug/L	98
54) o-xylene	9.59	106	56444	5.016	ug/L	99
55) Styrene	9.61	104	96959	5.046	ug/L	99
56) Isopropylbenzene	9.98	105	153035	5.022	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	27059	4.962	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	19720	4.927	ug/L	99
61) Bromoform	9.78	173	14719	5.139	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	76674	4.870	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	78309	4.783	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	75142	5.062	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3670	4.854	ug/L	86
67) 1,3,5-Trichlorobenzene	12.70	180	67054	4.974	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	54110	4.749	ug/L	98
69) Naphthalene	13.56	128	71309	4.474	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	48950	4.744	ug/L	98

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

