

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092018\
 Data File : VV007665.D
 Acq On : 20 Sep 2018 20:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00573

Quant Time: Sep 21 01:40:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 21 01:37:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	105901	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98309	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54764	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20916	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.58	69	20588	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.14	63	56774	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	3.97	46	54846	49.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.78%
24) Chloroform-d	4.41	84	52341	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.09	65	25738	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.10	84	97045	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.12	67	28365	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	99583	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.67	79	11001	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.14	63	41814	46.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.82%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23863	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	44603	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	42335	4.970	ug/L 98
3) Chloromethane	1.25	50	31340	4.743	ug/L 99
5) Vinyl chloride	1.32	62	37296	4.846	ug/L 97
6) Bromomethane	1.54	94	20160	3.901	ug/L 100
8) Chloroethane	1.60	64	24700	4.931	ug/L 97
9) Trichlorofluoromethane	1.77	101	79374	4.932	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	42526	4.857	ug/L 97
12) 1,1-Dichloroethene	2.14	96	38159	4.945	ug/L 96
13) Acetone	2.22	43	46190	43.183	ug/L 98
14) Carbon disulfide	2.32	76	97601	4.746	ug/L 100
15) Methyl Acetate	2.47	43	11651	4.418	ug/L 94
16) Methylene chloride	2.54	84	38082	4.862	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	86984	4.817	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	41017	4.839	ug/L 97
19) 1,1-Dichloroethane	3.23	63	52807	4.592	ug/L 100
21) 2-Butanone	4.05	43	63233	46.867	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	37015	4.943	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	17096	5.017	ug/L	97
25) Chloroform	4.43	83	61637	5.019	ug/L	98
27) 1,2-Dichloroethane	5.19	62	38101	5.133	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	57415	4.918	ug/L	99
30) Cyclohexane	4.72	56	48048	4.824	ug/L	99
31) Carbon tetrachloride	4.88	117	53212	4.983	ug/L	100
33) Benzene	5.15	78	126752	4.855	ug/L	100
34) Trichloroethene	5.96	95	37893	4.934	ug/L	97
35) Methylcyclohexane	6.18	83	56939	4.802	ug/L	100
37) 1,2-Dichloropropane	6.23	63	30013	4.760	ug/L	99
38) Bromodichloromethane	6.56	83	39778	4.781	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	43997	4.823	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	164787	48.312	ug/L	100
42) Toluene	7.43	91	145370	4.889	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	35005	4.728	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	23714	4.887	ug/L	97
47) Tetrachloroethene	8.02	164	37094	4.915	ug/L	99
48) 2-Hexanone	8.19	43	114432	47.371	ug/L	97
49) Dibromochloromethane	8.30	129	28610	4.737	ug/L	100
50) 1,2-Dibromoethane	8.40	107	23117	5.025	ug/L	97
51) Chlorobenzene	8.93	112	102227	4.957	ug/L	99
52) Ethylbenzene	9.06	91	165249	4.916	ug/L	99
53) m,p-xylene	9.19	106	64199	4.859	ug/L	97
54) o-xylene	9.59	106	63033	4.847	ug/L	98
55) Styrene	9.61	104	104848	4.933	ug/L	99
56) Isopropylbenzene	9.98	105	172770	4.884	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	26730	4.826	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	19071	4.936	ug/L	100
61) Bromoform	9.78	173	15676	4.439	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	87657	4.821	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	89391	4.890	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	82556	4.827	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3757	4.830	ug/L	89
67) 1,3,5-Trichlorobenzene	12.70	180	75912	4.819	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	60097	4.678	ug/L	98
69) Naphthalene	13.56	128	81977	4.272	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	55253	4.672	ug/L	96

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

