

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091418\
 Data File : VV007560.D
 Acq On : 15 Sep 2018 08:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Quant Time: Sep 17 05:57:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 04:48:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	124413	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110667	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54031	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30511	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.58	69	29660	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.14	63	68272	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.00%
20) 2-Butanone-d5	3.97	46	45715	50.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.86%
24) Chloroform-d	4.41	84	64392	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.09	65	31797	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	124712	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.13	67	37006	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	129669	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.67	79	13179	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.15	63	35160	63.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25088	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	50563	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	31360	4.657 ug/L	99
3) Chloromethane	1.26	50	28372	4.847 ug/L	97
5) Vinyl chloride	1.32	62	32819	5.022 ug/L	99
6) Bromomethane	1.54	94	24775	5.312 ug/L	100
8) Chloroethane	1.60	64	22744	5.710 ug/L	97
9) Trichlorofluoromethane	1.77	101	68726	5.332 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34964	4.971 ug/L	97
12) 1,1-Dichloroethene	2.14	96	33840	5.359 ug/L	88
13) Acetone	2.21	43	25749	43.493 ug/L	91
14) Carbon disulfide	2.32	76	92068	4.984 ug/L	99
15) Methyl Acetate	2.47	43	7540	4.647 ug/L	90
16) Methylene chloride	2.54	84	34052	4.989 ug/L	97
17) Methyl tert-butyl Ether	2.82	73	77234	5.084 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	35372	5.149 ug/L	97
19) 1,1-Dichloroethane	3.23	63	49387	4.931 ug/L	99
21) 2-Butanone	4.06	43	42961	43.258 ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	33622	4.966 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	14890	5.017	ug/L	99
25) Chloroform	4.43	83	55464	4.846	ug/L	98
27) 1,2-Dichloroethane	5.19	62	32864	4.987	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	52663	4.893	ug/L	99
30) Cyclohexane	4.73	56	44252	4.715	ug/L	100
31) Carbon tetrachloride	4.88	117	49562	4.907	ug/L	97
33) Benzene	5.15	78	116305	5.089	ug/L	100
34) Trichloroethene	5.96	95	36065	5.146	ug/L	98
35) Methylcyclohexane	6.18	83	48738	4.503	ug/L	98
37) 1,2-Dichloropropane	6.23	63	28031	4.978	ug/L	100
38) Bromodichloromethane	6.56	83	37991	4.652	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	35362	3.950	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	154089	49.560	ug/L	99
42) Toluene	7.43	91	129954	4.922	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	29007	3.938	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	21702	5.161	ug/L	97
47) Tetrachloroethene	8.02	164	30732	4.883	ug/L	96
48) 2-Hexanone	8.20	43	108611	46.013	ug/L	93
49) Dibromochloromethane	8.30	129	27872	4.657	ug/L	99
50) 1,2-Dibromoethane	8.40	107	20627	5.052	ug/L	100
51) Chlorobenzene	8.93	112	86935	4.896	ug/L	99
52) Ethylbenzene	9.06	91	142289	4.785	ug/L	99
53) m,p-xylene	9.19	106	55283	4.798	ug/L	99
54) o-xylene	9.59	106	56116	4.974	ug/L	98
55) Styrene	9.61	104	90152	4.905	ug/L	97
56) Isopropylbenzene	9.98	105	145574	4.752	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	19547	4.745	ug/L	93
59) 1,2,3-Trichloropropane	10.32	75	16980	4.931	ug/L	97
61) Bromoform	9.78	173	16203	5.052	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	70234	5.145	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	68643	5.029	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	67727	5.331	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	3257	4.983	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	50649	4.754	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	36299	4.731	ug/L	98
69) Naphthalene	13.56	128	49476	5.327	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	34965	4.998	ug/L	99

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

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