

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111519\
 Data File : VV013648.D
 Acq On : 15 Nov 2019 19:35
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00560

Quant Time: Nov 15 23:54:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 23:49:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	352830	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	337204	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	179599	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108507	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.58	69	99192	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	197134	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.00%
20) 2-Butanone-d5	3.96	46	310982	61.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.40%
24) Chloroform-d	4.40	84	248810	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.08	65	124033	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.09	84	475508	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.11	67	146369	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	452590	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	7.66	79	54823	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.13	63	255148	63.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	114503	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	182897	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	162327	5.003 ug/L	100
3) Chloromethane	1.25	50	160281	5.135 ug/L	99
5) Vinyl chloride	1.32	62	150780	5.070 ug/L	99
6) Bromomethane	1.53	94	92310	5.093 ug/L	96
8) Chloroethane	1.60	64	86280	5.169 ug/L	96
9) Trichlorofluoromethane	1.77	101	204063	5.162 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	109457	5.041 ug/L	97
12) 1,1-Dichloroethene	2.14	96	107402	5.095 ug/L	99
13) Acetone	2.23	43	180004	56.604 ug/L #	31
14) Carbon disulfide	2.31	76	356583	4.904 ug/L	100
15) Methyl Acetate	2.48	43	49579	5.505 ug/L	97
16) Methylene chloride	2.53	84	136513	4.660 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	288814	5.365 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	132227	5.087 ug/L	94
19) 1,1-Dichloroethane	3.23	63	240146	5.173 ug/L	99
21) 2-Butanone	4.04	43	325720	61.079 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	136550	5.061 ug/L #	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	64237	5.165	ug/L	96
25) Chloroform	4.42	83	269717	4.290	ug/L	99
27) 1,2-Dichloroethane	5.18	62	152570	5.462	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	211902	5.199	ug/L	98
30) Cyclohexane	4.72	56	203087	5.008	ug/L	100
31) Carbon tetrachloride	4.87	117	187209	5.084	ug/L	98
33) Benzene	5.14	78	540246	5.293	ug/L	100
34) Trichloroethene	5.95	95	142764	5.226	ug/L	97
35) Methylcyclohexane	6.17	83	205135	4.923	ug/L	98
37) 1,2-Dichloropropane	6.22	63	130717	5.348	ug/L	100
38) Bromodichloromethane	6.55	83	174908	5.132	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	186542	5.310	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	837485	58.899	ug/L	99
42) Toluene	7.43	91	580846	5.327	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	148889	5.378	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	94803	5.379	ug/L	98
47) Tetrachloroethene	8.02	164	126374	4.992	ug/L	97
48) 2-Hexanone	8.18	43	616114	61.094	ug/L	100
49) Dibromochloromethane	8.29	129	120519	5.386	ug/L	99
50) 1,2-Dibromoethane	8.39	107	89542	5.289	ug/L	99
51) Chlorobenzene	8.92	112	362905	5.019	ug/L	98
52) Ethylbenzene	9.05	91	595594	5.124	ug/L	100
53) m,p-xylene	9.18	106	232247	5.298	ug/L	100
54) o-xylene	9.58	106	219374	5.203	ug/L	98
55) Styrene	9.60	104	385868	5.411	ug/L	100
56) Isopropylbenzene	9.97	105	587788	5.243	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	111542	5.705	ug/L	95
59) 1,2,3-Trichloropropane	10.31	75	80649	5.339	ug/L	97
61) Bromoform	9.77	173	72249	5.373	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	303758	5.046	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	303629	4.967	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	283955	5.064	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	17508	5.230	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	241117	4.826	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	192147	4.681	ug/L	99
69) Naphthalene	13.55	128	264920	4.726	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	187213	4.993	ug/L	99

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

