

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013614.D
 Acq On : 14 Nov 2019 09:22
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00558

Quant Time: Nov 15 02:40:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 14 13:41:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	372699	5.00	ug/L	-0.03
28) Chlorobenzene-d5	8.91	117	326261	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	179681	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.34	65	116516	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.61	69	95969	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.15	63	203542	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.02	46	243241	56.74	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.48%
24) Chloroform-d	4.42	84	211869	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.09	65	95977	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.10	84	397455	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.14	67	148486	5.51	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.40	98	431772	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	7.69	79	50915	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.16	63	204688	51.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101786	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	159701	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.17	85	185429	5.348 ug/L	99
3) Chloromethane	1.28	50	160264	5.120 ug/L	99
5) Vinyl chloride	1.35	62	149256	4.897 ug/L	99
6) Bromomethane	1.56	94	86136	5.123 ug/L	99
8) Chloroethane	1.62	64	84569	5.122 ug/L	99
9) Trichlorofluoromethane	1.79	101	211804	5.159 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.16	101	120176	5.155 ug/L	99
12) 1,1-Dichloroethene	2.16	96	110356	5.094 ug/L	97
13) Acetone	2.28	43	154281	55.655 ug/L #	63
14) Carbon disulfide	2.34	76	311564	4.974 ug/L	100
15) Methyl Acetate	2.51	43	43725	5.478 ug/L	94
16) Methylene chloride	2.57	84	117169	4.976 ug/L	98
17) Methyl tert-butyl Ether	2.85	73	252795	4.985 ug/L	98
18) trans-1,2-Dichloroethene	2.82	96	121984	5.260 ug/L	97
19) 1,1-Dichloroethane	3.25	63	209277	5.045 ug/L	99
21) 2-Butanone	4.11	43	282324	55.019 ug/L	97
22) cis-1,2-Dichloroethene	3.98	96	130417	5.125 ug/L #	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.32	128	58499	5.182	ug/L	96
25) Chloroform	4.45	83	241960	4.661	ug/L	100
27) 1,2-Dichloroethane	5.19	62	126464	4.430	ug/L	100
29) 1,1,1-Trichloroethane	4.67	97	195560	5.556	ug/L	98
30) Cyclohexane	4.72	56	188319	5.386	ug/L	97
31) Carbon tetrachloride	4.87	117	175317	5.552	ug/L	99
33) Benzene	5.14	78	460759	4.834	ug/L	100
34) Trichloroethene	5.96	95	148038	5.533	ug/L	98
35) Methylcyclohexane	6.18	83	208584	5.365	ug/L	97
37) 1,2-Dichloropropane	6.24	63	136341	5.539	ug/L #	96
38) Bromodichloromethane	6.58	83	174101	5.171	ug/L	97
39) cis-1,3-Dichloropropene	7.11	75	175443	5.155	ug/L	98
40) 4-Methyl-2-pentanone	7.32	43	757077	55.001	ug/L	99
42) Toluene	7.47	91	579227	5.595	ug/L	99
44) trans-1,3-Dichloropropene	7.72	75	138586	5.322	ug/L	96
45) 1,1,2-Trichloroethane	7.91	97	94146	5.336	ug/L	98
47) Tetrachloroethene	8.04	164	130057	5.344	ug/L	98
48) 2-Hexanone	8.21	43	555896	57.402	ug/L	100
49) Dibromochloromethane	8.31	129	117745	5.312	ug/L	99
50) 1,2-Dibromoethane	8.42	107	84887	5.266	ug/L	97
51) Chlorobenzene	8.94	112	351583	5.182	ug/L	100
52) Ethylbenzene	9.07	91	573606	5.287	ug/L	99
53) m,p-xylene	9.19	106	223339	5.404	ug/L	95
54) o-xylene	9.59	106	217464	5.632	ug/L	95
55) Styrene	9.61	104	392490	5.833	ug/L	98
56) Isopropylbenzene	9.98	105	582325	5.618	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	103873	5.363	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	82385	5.495	ug/L	99
61) Bromoform	9.78	173	72804	5.396	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	306421	5.284	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	306848	5.168	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	277478	5.176	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	16822	5.128	ug/L	82
67) 1,3,5-Trichlorobenzene	12.69	180	244890	5.207	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	175811	4.835	ug/L	99
69) Naphthalene	13.55	128	211126	4.598	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	169016	4.999	ug/L	99

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

