

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112019\
 Data File : VV013685.D
 Acq On : 20 Nov 2019 10:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00542

Quant Time: Nov 21 00:50:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 20 16:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	377887	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	358875	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	188688	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90694	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.58	69	88481	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.13	63	179302	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.60%
20) 2-Butanone-d5	3.96	46	279411	51.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.52%
24) Chloroform-d	4.39	84	234874	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.07	65	114846	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.09	84	432131	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.11	67	138332	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.35	98	402115	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.66	79	50028	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.13	63	210644	48.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.86%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	101426	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	158994	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	169359	4.874 ug/L	100
3) Chloromethane	1.25	50	160355	4.796 ug/L	99
5) Vinyl chloride	1.32	62	153315	4.814 ug/L	99
6) Bromomethane	1.53	94	92620	4.772 ug/L	97
8) Chloroethane	1.60	64	90457	5.060 ug/L	98
9) Trichlorofluoromethane	1.77	101	208900	4.934 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	120686	5.190 ug/L	97
12) 1,1-Dichloroethene	2.13	96	115442	5.113 ug/L	99
13) Acetone	2.23	43	168512	49.477 ug/L #	32
14) Carbon disulfide	2.31	76	358435	4.602 ug/L	100
15) Methyl Acetate	2.47	43	42568	4.413 ug/L	99
16) Methylene chloride	2.53	84	133618	4.259 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	278699	4.833 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	134889	4.845 ug/L	92
19) 1,1-Dichloroethane	3.22	63	242570	4.879 ug/L	98
21) 2-Butanone	4.04	43	294594	51.579 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	139711	4.835 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	62584	4.698	ug/L	98
25) Chloroform	4.42	83	269877	4.008	ug/L	97
27) 1,2-Dichloroethane	5.17	62	143067	4.782	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	215443	4.967	ug/L	99
30) Cyclohexane	4.72	56	212296	4.919	ug/L	99
31) Carbon tetrachloride	4.87	117	192660	4.916	ug/L	97
33) Benzene	5.14	78	546166	5.028	ug/L	100
34) Trichloroethene	5.95	95	140876	4.845	ug/L	98
35) Methylcyclohexane	6.17	83	216548	4.883	ug/L	99
37) 1,2-Dichloropropane	6.21	63	129132	4.964	ug/L	100
38) Bromodichloromethane	6.55	83	171230	4.720	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	183504	4.909	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	741037	48.969	ug/L	99
42) Toluene	7.42	91	593037	5.110	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	148175	5.029	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	93231	4.970	ug/L	99
47) Tetrachloroethene	8.01	164	134683	4.999	ug/L	98
48) 2-Hexanone	8.18	43	527870	49.183	ug/L	97
49) Dibromochloromethane	8.28	129	115118	4.834	ug/L	99
50) 1,2-Dibromoethane	8.39	107	84669	4.699	ug/L	98
51) Chlorobenzene	8.92	112	369561	4.802	ug/L	99
52) Ethylbenzene	9.05	91	612133	4.948	ug/L	98
53) m,p-xylene	9.18	106	242726	5.203	ug/L	99
54) o-xylene	9.58	106	227109	5.061	ug/L	98
55) Styrene	9.60	104	391406	5.157	ug/L	97
56) Isopropylbenzene	9.97	105	610770	5.119	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	100285	4.819	ug/L	94
59) 1,2,3-Trichloropropane	10.32	75	76642	4.767	ug/L	99
61) Bromoform	9.77	173	69723	4.936	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	310078	4.903	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	301157	4.690	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	279183	4.739	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	15164	4.311	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	244707	4.662	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	182828	4.240	ug/L	99
69) Naphthalene	13.55	128	238170	4.044	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	175419	4.453	ug/L	99

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

