

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111319\
 Data File : VV013612.D
 Acq On : 13 Nov 2019 19:17
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00557

Quant Time: Nov 14 06:14:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 14 06:01:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	372428	5.00	ug/L	-0.03
28) Chlorobenzene-d5	8.91	117	336085	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	187251	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.35	65	112125	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.61	69	91572	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.16	63	195506	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	4.03	46	274501	64.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.14%
24) Chloroform-d	4.43	84	204093	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.10	65	99829	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.10	84	383030	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.14	67	146967	5.29	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.40	98	436628	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
43) trans-1,3-Dichloropropene-	7.70	79	51268	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.16	63	248717	60.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.66%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	110955	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	167015	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	169738	4.899 ug/L	99
3) Chloromethane	1.29	50	151002	4.828 ug/L	99
5) Vinyl chloride	1.36	62	143975	4.728 ug/L	96
6) Bromomethane	1.57	94	79577	4.736 ug/L	98
8) Chloroethane	1.63	64	79506	4.819 ug/L	100
9) Trichlorofluoromethane	1.80	101	199754	4.869 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.17	101	108470	4.656 ug/L	96
12) 1,1-Dichloroethene	2.17	96	106609	4.924 ug/L	95
13) Acetone	2.28	43	158513	57.223 ug/L	71
14) Carbon disulfide	2.35	76	290876	4.647 ug/L	100
15) Methyl Acetate	2.52	43	47893	6.004 ug/L #	88
16) Methylene chloride	2.57	84	115417	4.906 ug/L	99
17) Methyl tert-butyl Ether	2.86	73	267975	5.288 ug/L	98
18) trans-1,2-Dichloroethene	2.83	96	115763	4.996 ug/L	97
19) 1,1-Dichloroethane	3.26	63	202591	4.888 ug/L	98
21) 2-Butanone	4.12	43	306764	59.826 ug/L	76
22) cis-1,2-Dichloroethene	3.99	96	128503	5.054 ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.33	128	60931	5.401	ug/L	93
25) Chloroform	4.45	83	229269	4.419	ug/L	97
27) 1,2-Dichloroethane	5.20	62	127710	4.477	ug/L #	94
29) 1,1,1-Trichloroethane	4.67	97	186873	5.154	ug/L	100
30) Cyclohexane	4.73	56	179564	4.986	ug/L	97
31) Carbon tetrachloride	4.88	117	162693	5.002	ug/L	99
33) Benzene	5.15	78	443353	4.515	ug/L	100
34) Trichloroethene	5.97	95	141416	5.131	ug/L	97
35) Methylcyclohexane	6.19	83	188200	4.699	ug/L	99
37) 1,2-Dichloropropane	6.25	63	134201	5.293	ug/L #	97
38) Bromodichloromethane	6.59	83	174400	5.028	ug/L	96
39) cis-1,3-Dichloropropene	7.12	75	173298	4.943	ug/L	97
40) 4-Methyl-2-pentanone	7.32	43	878051	61.925	ug/L	100
42) Toluene	7.47	91	568654	5.333	ug/L	98
44) trans-1,3-Dichloropropene	7.73	75	142730	5.321	ug/L	98
45) 1,1,2-Trichloroethane	7.92	97	99067	5.450	ug/L	98
47) Tetrachloroethene	8.05	164	125621	5.011	ug/L	97
48) 2-Hexanone	8.21	43	666546	66.816	ug/L	99
49) Dibromochloromethane	8.32	129	122170	5.351	ug/L	99
50) 1,2-Dibromoethane	8.42	107	93538	5.633	ug/L	94
51) Chlorobenzene	8.94	112	362474	5.187	ug/L	99
52) Ethylbenzene	9.07	91	558742	5.000	ug/L	98
53) m,p-xylene	9.20	106	227755	5.350	ug/L	98
54) o-xylene	9.60	106	206929	5.202	ug/L	97
55) Styrene	9.61	104	389406	5.618	ug/L	98
56) Isopropylbenzene	9.98	105	563220	5.275	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	110751	5.551	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	89339	5.784	ug/L	98
61) Bromoform	9.78	173	76902	5.470	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	309468	5.121	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	307863	4.976	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	293434	5.252	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	17632	5.158	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	229887	4.690	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	174923	4.616	ug/L	99
69) Naphthalene	13.55	128	241075	5.038	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	178823	5.075	ug/L	98

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

