

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112119\
 Data File : VV013723.D
 Acq On : 21 Nov 2019 19:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Quant Time: Nov 22 04:01:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 22 03:55:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	349528	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	339819	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	189952	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120226	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	1.58	69	115804	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.20%
11) 1,1-Dichloroethene-d2	2.13	63	215907	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.60%
20) 2-Butanone-d5	3.95	46	349337	69.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.94%#
24) Chloroform-d	4.40	84	272258	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
26) 1,2-Dichloroethane-d4	5.08	65	135065	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	5.09	84	543891	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
36) 1,2-Dichloropropane-d6	6.11	67	161810	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.36	98	519209	5.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.00%
43) trans-1,3-Dichloropropene-	7.66	79	60876	5.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.00%
46) 2-Hexanone-d5	8.13	63	270639	66.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.78%#
57) 1,1,2,2-Tetrachloroethane-	10.25	84	123571	6.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.00%#
64) 1,2-Dichlorobenzene-d4	11.67	152	203595	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	135665	4.221 ug/L	99
3) Chloromethane	1.25	50	116253	3.759 ug/L	98
5) Vinyl chloride	1.32	62	121608	4.128 ug/L	99
6) Bromomethane	1.53	94	55976	3.118 ug/L	96
8) Chloroethane	1.60	64	75594	4.571 ug/L	99
9) Trichlorofluoromethane	1.77	101	183650	4.690 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	108021	5.022 ug/L	98
12) 1,1-Dichloroethene	2.14	96	94819	4.541 ug/L #	78
13) Acetone	2.22	43	186381	59.163 ug/L #	35
14) Carbon disulfide	2.32	76	232531	3.228 ug/L	100
15) Methyl Acetate	2.47	43	47556	5.330 ug/L	97
16) Methylene chloride	2.53	84	120297	4.145 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	274959	5.155 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	112734	4.378 ug/L	93
19) 1,1-Dichloroethane	3.23	63	216802	4.714 ug/L	99
21) 2-Butanone	4.04	43	309353	58.558 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	126525	4.734 ug/L #	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	59418	4.822	ug/L	97
25) Chloroform	4.42	83	246630	3.960	ug/L	98
27) 1,2-Dichloroethane	5.18	62	136765	4.943	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	197299	4.803	ug/L	98
30) Cyclohexane	4.72	56	166270	4.069	ug/L	99
31) Carbon tetrachloride	4.87	117	172731	4.655	ug/L	100
33) Benzene	5.14	78	483521	4.701	ug/L	100
34) Trichloroethene	5.96	95	127184	4.620	ug/L	97
35) Methylcyclohexane	6.17	83	174836	4.163	ug/L	99
37) 1,2-Dichloropropane	6.22	63	121310	4.925	ug/L	100
38) Bromodichloromethane	6.55	83	159948	4.657	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	173721	4.907	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	790771	55.186	ug/L	99
42) Toluene	7.43	91	531900	4.840	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	139466	4.998	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	91233	5.137	ug/L	99
47) Tetrachloroethene	8.02	164	115101	4.512	ug/L	97
48) 2-Hexanone	8.18	43	557594	54.866	ug/L	96
49) Dibromochloromethane	8.29	129	114819	5.092	ug/L	98
50) 1,2-Dibromoethane	8.39	107	84112	4.930	ug/L #	99
51) Chlorobenzene	8.92	112	349912	4.802	ug/L	99
52) Ethylbenzene	9.05	91	557041	4.756	ug/L	99
53) m,p-xylene	9.18	106	221075	5.004	ug/L	99
54) o-xylene	9.58	106	211963	4.988	ug/L	94
55) Styrene	9.60	104	372733	5.187	ug/L	99
56) Isopropylbenzene	9.97	105	573775	5.079	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	107063	5.434	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	80222	5.269	ug/L	100
61) Bromoform	9.77	173	69353	4.877	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	308356	4.843	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	309229	4.783	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	285322	4.811	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	15273	4.313	ug/L #	72
67) 1,3,5-Trichlorobenzene	12.69	180	244570	4.628	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	197158	4.542	ug/L	99
69) Naphthalene	13.55	128	261558	4.412	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	193267	4.874	ug/L	99

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

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