

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110819\
 Data File : VV013557.D
 Acq On : 08 Nov 2019 22:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00551

Quant Time: Nov 08 23:29:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 08 22:42:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	407702	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	398525	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	216355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81226	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	75143	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.13	63	167082	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	3.97	46	314153	51.00	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.00%
24) Chloroform-d	4.40	84	226024	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.08	65	120491	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.09	84	404641	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.11	67	140301	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.36	98	356262	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	7.66	79	51047	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.14	63	232641	55.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	110099	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	169484	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	205599	5.154	ug/L 99
3) Chloromethane	1.25	50	185936	5.215	ug/L 100
5) Vinyl chloride	1.32	62	173583	5.058	ug/L 100
6) Bromomethane	1.53	94	91849	5.082	ug/L 96
8) Chloroethane	1.60	64	93787	4.949	ug/L 98
9) Trichlorofluoromethane	1.77	101	241500	5.228	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	130224	5.030	ug/L 97
12) 1,1-Dichloroethene	2.14	96	125135	5.104	ug/L 92
13) Acetone	2.23	43	158608	42.442	ug/L 78
14) Carbon disulfide	2.31	76	366777	4.977	ug/L 99
15) Methyl Acetate	2.47	43	49897	4.466	ug/L 96
16) Methylene chloride	2.53	84	155715	4.848	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	342143	5.282	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	159728	5.250	ug/L 98
19) 1,1-Dichloroethane	3.23	63	292017	5.144	ug/L 97
21) 2-Butanone	4.05	43	382756	55.995	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	166069	5.293	ug/L 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	73322	5.047	ug/L	96
25) Chloroform	4.42	83	312954	5.055	ug/L	99
27) 1,2-Dichloroethane	5.18	62	178110	5.328	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	251939	5.099	ug/L	99
30) Cyclohexane	4.72	56	255704	5.142	ug/L	98
31) Carbon tetrachloride	4.87	117	225147	5.081	ug/L	100
33) Benzene	5.14	78	639895	5.167	ug/L	100
34) Trichloroethene	5.96	95	169634	5.081	ug/L	99
35) Methylcyclohexane	6.17	83	259355	5.110	ug/L	100
37) 1,2-Dichloropropane	6.22	63	156563	5.141	ug/L	99
38) Bromodichloromethane	6.55	83	199010	5.062	ug/L #	98
39) cis-1,3-Dichloropropene	7.07	75	216310	5.112	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	943615	53.865	ug/L	99
42) Toluene	7.43	91	689256	5.352	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	164814	4.954	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	105341	5.033	ug/L	97
47) Tetrachloroethene	8.02	164	149806	5.132	ug/L	98
48) 2-Hexanone	8.18	43	677523	54.624	ug/L	99
49) Dibromochloromethane	8.29	129	134868	5.165	ug/L	100
50) 1,2-Dibromoethane	8.39	107	102538	5.246	ug/L	95
51) Chlorobenzene	8.92	112	430288	5.065	ug/L	99
52) Ethylbenzene	9.05	91	721347	5.228	ug/L	98
53) m,p-xylene	9.18	106	281537	5.471	ug/L	95
54) o-xylene	9.58	106	267020	5.402	ug/L	99
55) Styrene	9.60	104	460309	5.491	ug/L	97
56) Isopropylbenzene	9.97	105	709932	5.320	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	114831	5.139	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	93518	5.172	ug/L	97
61) Bromoform	9.77	173	78285	5.105	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	375652	5.175	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	363557	5.014	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	333478	5.022	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	16220	4.797	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	286159	5.054	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	224439	4.974	ug/L	100
69) Naphthalene	13.55	128	309269	5.075	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	216186	5.104	ug/L	99

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

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