

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110519\
 Data File : VV013488.D
 Acq On : 05 Nov 2019 15:38
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00547

Quant Time: Nov 06 02:15:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 06 02:12:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	374337	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	401414	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	247542	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141839	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.58	69	121887	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	259468	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.20%
20) 2-Butanone-d5	3.96	46	463139	54.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.36%
24) Chloroform-d	4.40	84	358346	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.08	65	178439	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.09	84	691533	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.11	67	222275	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.35	98	654400	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	7.66	79	82145	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.13	63	306982	49.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	155344	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	259662	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	249657	5.589 ug/L	100
3) Chloromethane	1.25	50	220500	5.985 ug/L	100
5) Vinyl chloride	1.32	62	213473	5.725 ug/L	100
6) Bromomethane	1.53	94	98692	5.626 ug/L	100
8) Chloroethane	1.60	64	117703	5.761 ug/L	100
9) Trichlorofluoromethane	1.77	101	288784	5.835 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	158050	5.605 ug/L	100
12) 1,1-Dichloroethene	2.14	96	149745	5.672 ug/L	90
13) Acetone	2.23	43	217099	56.061 ug/L	99
14) Carbon disulfide	2.31	76	438372	5.353 ug/L	100
15) Methyl Acetate	2.47	43	77651	5.647 ug/L	96
16) Methylene chloride	2.53	84	193508	4.849 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	412055	5.250 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	194828	5.565 ug/L	98
19) 1,1-Dichloroethane	3.23	63	369050	5.785 ug/L	98
21) 2-Butanone	4.04	43	474222	54.201 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	200390	5.436 ug/L #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	87212	5.297	ug/L	95
25) Chloroform	4.42	83	374856	5.328	ug/L	100
27) 1,2-Dichloroethane	5.17	62	218753	5.528	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	314332	5.524	ug/L	99
30) Cyclohexane	4.72	56	324486	5.276	ug/L	97
31) Carbon tetrachloride	4.87	117	281705	5.565	ug/L	99
33) Benzene	5.14	78	806582	5.652	ug/L	100
34) Trichloroethene	5.96	95	209072	5.395	ug/L	98
35) Methylcyclohexane	6.17	83	325164	5.411	ug/L	98
37) 1,2-Dichloropropane	6.22	63	199342	5.575	ug/L	99
38) Bromodichloromethane	6.55	83	245566	5.307	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	272806	5.442	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1152409	50.455	ug/L	99
42) Toluene	7.42	91	851090	5.734	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	210995	5.381	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	131026	5.157	ug/L	98
47) Tetrachloroethene	8.01	164	183453	5.512	ug/L	100
48) 2-Hexanone	8.18	43	842742	51.100	ug/L	97
49) Dibromochloromethane	8.29	129	166910	5.395	ug/L	98
50) 1,2-Dibromoethane	8.39	107	122270	5.106	ug/L #	100
51) Chlorobenzene	8.92	112	526068	5.462	ug/L	100
52) Ethylbenzene	9.05	91	899893	5.708	ug/L	99
53) m,p-xylene	9.18	106	348853	5.781	ug/L	97
54) o-xylene	9.58	106	330778	5.720	ug/L	98
55) Styrene	9.60	104	577293	5.866	ug/L	98
56) Isopropylbenzene	9.97	105	886194	5.766	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	146127	4.978	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	111364	4.811	ug/L	97
61) Bromoform	9.77	173	91856	5.047	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	437357	5.465	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	435957	5.368	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	410390	5.550	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	19430	4.319	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	351408	5.452	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	265566	4.937	ug/L	99
69) Naphthalene	13.55	128	346307	4.390	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	242203	4.887	ug/L	98

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

