

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV061819\
 Data File : VV011564.D
 Acq On : 18 Jun 2019 09:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00559

Quant Time: Jun 18 11:47:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 18 11:44:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	190027	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	176904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79963	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	62331	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.58	69	49029	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.12	63	128954	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	3.96	46	178234	44.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.30%
24) Chloroform-d	4.40	84	134663	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.08	65	71691	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.09	84	252467	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.12	67	77555	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.36	98	229256	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.66	79	27818	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.14	63	137408	42.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52833	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	76046	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	97310	5.740	ug/L 99
3) Chloromethane	1.25	50	89655	4.882	ug/L 100
5) Vinyl chloride	1.32	62	88791	4.896	ug/L 97
6) Bromomethane	1.53	94	37984	5.009	ug/L 100
8) Chloroethane	1.60	64	53137	6.051	ug/L 95
9) Trichlorofluoromethane	1.76	101	114973	5.756	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	67138	5.884	ug/L 98
12) 1,1-Dichloroethene	2.13	96	61221	5.180	ug/L 93
13) Acetone	2.22	43	115209	42.346	ug/L 99
14) Carbon disulfide	2.31	76	155860	4.879	ug/L 99
15) Methyl Acetate	2.47	43	29970	4.155	ug/L 98
16) Methylene chloride	2.53	84	63946	4.761	ug/L 96
17) Methyl tert-butyl Ether	2.81	73	167541	4.728	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	69959	5.236	ug/L 98
19) 1,1-Dichloroethane	3.22	63	141816	5.130	ug/L 98
21) 2-Butanone	4.05	43	190310	44.213	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	75493	4.987	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	29480	4.954	ug/L	98
25) Chloroform	4.42	83	143373	5.168	ug/L	97
27) 1,2-Dichloroethane	5.18	62	92616	4.737	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	121608	5.525	ug/L	97
30) Cyclohexane	4.71	56	128582	5.655	ug/L	99
31) Carbon tetrachloride	4.87	117	101296	5.687	ug/L	98
33) Benzene	5.14	78	303951	5.260	ug/L	100
34) Trichloroethene	5.96	95	79114	5.369	ug/L	98
35) Methylcyclohexane	6.17	83	128971	6.139	ug/L	98
37) 1,2-Dichloropropane	6.22	63	78141	5.081	ug/L	99
38) Bromodichloromethane	6.55	83	88519	5.066	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	103563	5.349	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	478651	43.656	ug/L	99
42) Toluene	7.43	91	323603	5.404	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	77773	5.251	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	48395	4.714	ug/L	99
47) Tetrachloroethene	8.02	164	59507	5.663	ug/L	97
48) 2-Hexanone	8.19	43	347055	45.027	ug/L	99
49) Dibromochloromethane	8.29	129	51780	5.019	ug/L	96
50) 1,2-Dibromoethane	8.40	107	45659	4.917	ug/L	99
51) Chlorobenzene	8.92	112	193680	5.267	ug/L	99
52) Ethylbenzene	9.05	91	348450	5.540	ug/L	100
53) m,p-xylene	9.18	106	129378	5.621	ug/L	99
54) o-xylene	9.59	106	126103	5.455	ug/L	98
55) Styrene	9.60	104	210820	5.498	ug/L	99
56) Isopropylbenzene	9.97	105	337005	5.728	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	54602	4.349	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	42028	4.377	ug/L	99
61) Bromoform	9.77	173	23668	4.642	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	136737	5.274	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	137393	5.202	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	132856	5.091	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7172	3.784	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	101270	5.347	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	76216	5.012	ug/L	100
69) Naphthalene	13.55	128	123240	4.121	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	71050	4.818	ug/L	100

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

