

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011404.D
 Acq On : 11 Jun 2019 20:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00546

Quant Time: Jun 12 02:55:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 12 02:48:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130409	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	123581	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	52660	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52645	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.57	69	43765	5.33	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.12	63	107445	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.80%
20) 2-Butanone-d5	3.96	46	140078	62.97	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.94%
24) Chloroform-d	4.40	84	101315	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.60%
26) 1,2-Dichloroethane-d4	5.08	65	56118	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
32) Benzene-d6	5.09	84	194951	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.12	67	59308	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.36	98	178689	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
43) trans-1,3-Dichloropropene-	7.66	79	19890	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.14	63	109499	59.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43825	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	56904	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	55637	4.326	ug/L 99
3) Chloromethane	1.25	50	58548	4.708	ug/L 98
5) Vinyl chloride	1.32	62	59141	4.929	ug/L 99
6) Bromomethane	1.53	94	28748	4.605	ug/L 99
8) Chloroethane	1.59	64	39535	5.156	ug/L 95
9) Trichlorofluoromethane	1.76	101	75692	4.596	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	43189	5.109	ug/L 97
12) 1,1-Dichloroethene	2.13	96	40852	4.972	ug/L 97
13) Acetone	2.21	43	90534	60.696	ug/L 99
14) Carbon disulfide	2.31	76	99492	3.992	ug/L 98
15) Methyl Acetate	2.47	43	22638	5.714	ug/L 97
16) Methylene chloride	2.53	84	44736	5.284	ug/L 96
17) Methyl tert-butyl Ether	2.81	73	120211	5.481	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	43302	4.707	ug/L 96
19) 1,1-Dichloroethane	3.22	63	90195	4.971	ug/L 99
21) 2-Butanone	4.04	43	134079	58.369	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	48508	4.761	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011404.D
 Acq On : 11 Jun 2019 20:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00546

Quant Time: Jun 12 02:55:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 12 02:48:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	19064	4.881	ug/L	94
25) Chloroform	4.42	83	91620	4.889	ug/L	99
27) 1,2-Dichloroethane	5.18	62	62025	5.416	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	70575	4.478	ug/L	97
30) Cyclohexane	4.71	56	74078	4.239	ug/L	99
31) Carbon tetrachloride	4.87	117	57812	4.388	ug/L	98
33) Benzene	5.14	78	188938	4.805	ug/L	100
34) Trichloroethene	5.96	95	48047	4.730	ug/L	97
35) Methylcyclohexane	6.17	83	73059	4.349	ug/L	99
37) 1,2-Dichloropropane	6.22	63	47548	4.858	ug/L	99
38) Bromodichloromethane	6.55	83	54852	4.533	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	62818	4.387	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	343521	55.117	ug/L	98
42) Toluene	7.43	91	199730	4.765	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	46399	4.262	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	32151	5.132	ug/L	96
47) Tetrachloroethene	8.02	164	32995	4.494	ug/L	98
48) 2-Hexanone	8.19	43	241399	55.535	ug/L	96
49) Dibromochloromethane	8.29	129	31418	4.415	ug/L	96
50) 1,2-Dibromoethane	8.40	107	29395	4.936	ug/L	100
51) Chlorobenzene	8.92	112	121476	4.753	ug/L	98
52) Ethylbenzene	9.05	91	213925	4.596	ug/L	97
53) m,p-xylene	9.18	106	78574	4.565	ug/L	94
54) o-xylene	9.59	106	77318	4.577	ug/L	97
55) Styrene	9.60	104	131424	4.777	ug/L	99
56) Isopropylbenzene	9.97	105	205293	4.515	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	40268	5.302	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	30276	5.304	ug/L	98
61) Bromoform	9.77	173	14028	4.435	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	83176	4.777	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	81479	4.820	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	83435	5.184	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	4955	4.296	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	57936	4.625	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	44108	4.638	ug/L	97
69) Naphthalene	13.55	128	81625	5.243	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	43614	5.114	ug/L	97

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

