

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011412.D
 Acq On : 12 Jun 2019 02:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00547

Quant Time: Jun 12 04:43:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 12 04:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	126785	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	122588	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	55399	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53801	5.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.00%
7) Chloroethane-d5	1.55	69	41800	5.23	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.12	63	106499	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.00%
20) 2-Butanone-d5	3.94	46	140850	65.12	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.24%#
24) Chloroform-d	4.40	84	98247	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.20%
26) 1,2-Dichloroethane-d4	5.08	65	55589	6.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.60%
32) Benzene-d6	5.09	84	189654	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.11	67	57420	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	177454	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	7.66	79	18888	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.13	63	110767	60.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45949	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	58848	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	57418	4.592	ug/L	97
3) Chloromethane	1.25	50	58030	4.800	ug/L	99
5) Vinyl chloride	1.32	62	60373	5.176	ug/L	90
6) Bromomethane	1.51	94	23483	3.869	ug/L	99
8) Chloroethane	1.57	64	37955	5.092	ug/L	99
9) Trichlorofluoromethane	1.75	101	79836	4.986	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	43834	5.333	ug/L	97
12) 1,1-Dichloroethene	2.13	96	40270	5.041	ug/L	96
13) Acetone	2.19	43	92625	63.873	ug/L	98
14) Carbon disulfide	2.31	76	107427	4.433	ug/L	98
15) Methyl Acetate	2.46	43	23780	6.174	ug/L	98
16) Methylene chloride	2.53	84	45011	5.469	ug/L	92
17) Methyl tert-butyl Ether	2.81	73	119016	5.581	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	44032	4.923	ug/L	95
19) 1,1-Dichloroethane	3.22	63	91744	5.200	ug/L	99
21) 2-Butanone	4.03	43	141905	63.542	ug/L	94
22) cis-1,2-Dichloroethene	3.95	96	49294	4.977	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011412.D
 Acq On : 12 Jun 2019 02:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00547

Quant Time: Jun 12 04:43:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 12 04:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	19012	5.007	ug/L	86
25) Chloroform	4.42	83	90794	4.983	ug/L	98
27) 1,2-Dichloroethane	5.18	62	62311	5.596	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	72673	4.648	ug/L	97
30) Cyclohexane	4.71	56	76819	4.431	ug/L	97
31) Carbon tetrachloride	4.87	117	59751	4.572	ug/L	98
33) Benzene	5.14	78	192936	4.946	ug/L	100
34) Trichloroethene	5.95	95	49009	4.863	ug/L	93
35) Methylcyclohexane	6.17	83	73168	4.390	ug/L	98
37) 1,2-Dichloropropane	6.22	63	48606	5.007	ug/L #	97
38) Bromodichloromethane	6.55	83	56688	4.723	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	61509	4.330	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	365214	59.072	ug/L	98
42) Toluene	7.43	91	206497	4.967	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	46717	4.326	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	33627	5.411	ug/L	98
47) Tetrachloroethene	8.01	164	34527	4.741	ug/L	97
48) 2-Hexanone	8.18	43	255809	59.327	ug/L	95
49) Dibromochloromethane	8.29	129	33719	4.777	ug/L	98
50) 1,2-Dibromoethane	8.40	107	29842	5.052	ug/L #	96
51) Chlorobenzene	8.92	112	125642	4.956	ug/L	100
52) Ethylbenzene	9.05	91	226881	4.914	ug/L	99
53) m,p-xylene	9.18	106	82872	4.854	ug/L	99
54) o-xylene	9.59	106	83419	4.978	ug/L	97
55) Styrene	9.60	104	137855	5.051	ug/L	97
56) Isopropylbenzene	9.97	105	216887	4.809	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	42371	5.624	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	31330	5.533	ug/L	98
61) Bromoform	9.77	173	15068	4.528	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	90775	4.955	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	89082	5.009	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	89896	5.309	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	5507	4.539	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	63473	4.816	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	47423	4.740	ug/L	96
69) Naphthalene	13.55	128	83352	5.089	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	45595	5.082	ug/L	98

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

