

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011520\
 Data File : VV014308.D
 Acq On : 15 Jan 2020 11:23
 Operator : SY/MD
 Sample : VSTD02034
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020345

Quant Time: Jan 16 01:55:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR011520WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:51:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	932003	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	849119	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	396536	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1144109	21.47	ug/L	0.00
7) Chloroethane-d5	1.58	69	894028	23.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	1667170	17.71	ug/L	0.00
20) 2-Butanone-d5	3.95	46	2937789	240.48	ug/L	0.00
24) Chloroform-d	4.40	84	2366619	20.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	1136678	19.07	ug/L	0.00
32) Benzene-d6	5.09	84	4906494	22.62	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	1527152	24.64	ug/L	0.00
41) Toluene-d8	7.35	98	4423420	21.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	637320	23.90	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	2478451	256.75	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.25	84	1016132	22.31	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	1385845	19.97	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	1433716	14.385	ug/L	98
3) Chloromethane	1.25	50	1345274	21.225	ug/L	98
5) Vinyl chloride	1.32	62	1238242	19.566	ug/L	99
6) Bromomethane	1.54	94	711221	19.148	ug/L	99
8) Chloroethane	1.60	64	654977	19.110	ug/L	99
9) Trichlorofluoromethane	1.77	101	1444935	14.204	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	786059	17.068	ug/L	99
12) 1,1-Dichloroethene	2.14	96	746794	17.419	ug/L	99
13) Acetone	2.24	43	1545505	223.075	ug/L	# 51
14) Carbon disulfide	2.32	76	3716781	27.499	ug/L	99
15) Methyl Acetate	2.47	43	447054	28.150	ug/L	98
16) Methylene chloride	2.53	84	1218965	24.136	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	2722336	19.837	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	1212607	19.436	ug/L	96
19) 1,1-Dichloroethane	3.23	63	2284314	20.360	ug/L	99
21) 2-Butanone	4.04	43	2922295	217.332	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	1311384	19.672	ug/L	# 99
23) Bromochloromethane	4.30	128	490016	17.313	ug/L	99
25) Chloroform	4.42	83	2211145	16.335	ug/L	100
27) 1,2-Dichloroethane	5.17	62	1286422	17.130	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	1929064	18.496	ug/L	99
30) Cyclohexane	4.72	56	2323543	24.233	ug/L	99
31) Carbon tetrachloride	4.87	117	1672603	18.071	ug/L	98
33) Benzene	5.14	78	4967328	21.004	ug/L	100
34) Trichloroethene	5.96	95	1299600	19.616	ug/L	99
35) Methylcyclohexane	6.17	83	2313243	21.746	ug/L	99
37) 1,2-Dichloropropane	6.22	63	1256624	22.669	ug/L	100
38) Bromodichloromethane	6.55	83	1585977	20.659	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	1993125	22.872	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	7129888	223.879	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011520\
 Data File : VV014308.D
 Acq On : 15 Jan 2020 11:23
 Operator : SY/MD
 Sample : VSTD02034
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020345

Quant Time: Jan 16 01:55:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR011520WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:51:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
42) Toluene	7.43	91	5202187	20.102	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	1533917	22.057	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	779322	19.164	ug/L	97
47) Tetrachloroethene	8.01	164	913362	16.639	ug/L	98
48) 2-Hexanone	8.18	43	5056777	225.699	ug/L	98
49) Dibromochloromethane	8.29	129	967629	19.442	ug/L	99
50) 1,2-Dibromoethane	8.39	107	739099	19.403	ug/L	98
51) Chlorobenzene	8.92	112	3209087	18.782	ug/L	98
52) Ethylbenzene	9.05	91	5948511	20.099	ug/L	99
53) m,p-xylene	9.18	106	2246930	20.207	ug/L	100
54) o-xylene	9.58	106	2126275	19.969	ug/L	100
55) Styrene	9.60	104	3590560	20.165	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	953122	21.178	ug/L	100
59) Bromoform	9.77	173	490074	20.194	ug/L	97
60) Isopropylbenzene	9.97	105	5708921	21.665	ug/L	99
61) 1,2,3-Trichloropropane	10.31	75	685312	22.291	ug/L	99
62) 1,3,5-Trimethylbenzene	10.58	105	4929346	22.559	ug/L	99
63) 1,2,4-Trimethylbenzene	10.95	105	4911442	22.731	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	2417151	19.068	ug/L	99
65) 1,4-Dichlorobenzene	11.31	146	2385120	18.592	ug/L	99
67) 1,2-Dichlorobenzene	11.68	146	2146536	18.700	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	162433	24.878	ug/L	94
69) 1,3,5-Trichlorobenzene	12.69	180	1788511	17.411	ug/L	99
70) 1,2,4-trichlorobenzene	13.30	180	1525936	18.527	ug/L	100
71) Naphthalene	13.54	128	2898271	23.637	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	1302888	17.969	ug/L	99

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

