

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011520\
 Data File : VV014307.D
 Acq On : 15 Jan 2020 10:44
 Operator : SY/MD
 Sample : VSTD01033
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010334

Quant Time: Jan 16 01:55:23 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	845646	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	773417	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	365270	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	581877	12.03	ug/L	0.00
7) Chloroethane-d5	1.58	69	461890	13.40	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	884835	10.36	ug/L	0.00
20) 2-Butanone-d5	3.96	46	1454280	131.20	ug/L	0.00
24) Chloroform-d	4.40	84	1192216	11.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	582808	10.77	ug/L	0.00
32) Benzene-d6	5.10	84	2503048	12.67	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	770320	13.65	ug/L	0.00
41) Toluene-d8	7.35	98	2257038	12.02	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	317342	13.06	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	1252516	142.45	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.25	84	514238	12.40	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	707261	11.06	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	727502	8.045	ug/L	98
3) Chloromethane	1.25	50	686457	11.937	ug/L	100
5) Vinyl chloride	1.32	62	639440	11.136	ug/L	99
6) Bromomethane	1.54	94	361539	10.727	ug/L	100
8) Chloroethane	1.60	64	336506	10.821	ug/L	98
9) Trichlorofluoromethane	1.77	101	769836	8.340	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	409208	9.793	ug/L	99
12) 1,1-Dichloroethene	2.14	96	392285	10.085	ug/L	93
13) Acetone	2.23	43	765735	121.811	ug/L #	53
14) Carbon disulfide	2.32	76	1903895	15.525	ug/L	100
15) Methyl Acetate	2.47	43	224812	15.602	ug/L	98
16) Methylene chloride	2.53	84	656632	14.329	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	1388102	11.147	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	613469	10.837	ug/L	99
19) 1,1-Dichloroethane	3.23	63	1163559	11.430	ug/L	99
21) 2-Butanone	4.04	43	1470912	120.563	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	663592	10.971	ug/L #	99
23) Bromochloromethane	4.30	128	244917	9.537	ug/L	97
25) Chloroform	4.42	83	1147208	9.341	ug/L	100
27) 1,2-Dichloroethane	5.18	62	645245	9.469	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	974464	10.258	ug/L	99
30) Cyclohexane	4.72	56	1180248	13.514	ug/L	100
31) Carbon tetrachloride	4.87	117	842535	9.994	ug/L	98
33) Benzene	5.14	78	2535273	11.770	ug/L	100
34) Trichloroethene	5.95	95	654283	10.842	ug/L	99
35) Methylcyclohexane	6.17	83	1167926	12.054	ug/L	100
37) 1,2-Dichloropropane	6.22	63	631197	12.501	ug/L	100
38) Bromodichloromethane	6.55	83	790034	11.298	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	1009263	12.715	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	3648539	125.778	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
42) Toluene	7.43	91	2659635	11.283	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	754369	11.909	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	392855	10.606	ug/L	99
47) Tetrachloroethene	8.01	164	455547	9.111	ug/L	98
48) 2-Hexanone	8.18	43	2576120	126.234	ug/L	99
49) Dibromochloromethane	8.29	129	481182	10.614	ug/L	98
50) 1,2-Dibromoethane	8.39	107	376167	10.842	ug/L	99
51) Chlorobenzene	8.92	112	1633719	10.498	ug/L	98
52) Ethylbenzene	9.05	91	3052050	11.322	ug/L	100
53) m,p-xylene	9.18	106	1126028	11.118	ug/L	97
54) o-xylene	9.58	106	1096920	11.310	ug/L	100
55) Styrene	9.60	104	1822973	11.240	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.28	83	480486	11.721	ug/L	100
59) Bromoform	9.77	173	240351	10.752	ug/L	98
60) Isopropylbenzene	9.97	105	2930875	12.075	ug/L	100
61) 1,2,3-Trichloropropane	10.31	75	346123	12.222	ug/L	99
62) 1,3,5-Trimethylbenzene	10.58	105	2518588	12.513	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	2502018	12.571	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	1217503	10.427	ug/L	99
65) 1,4-Dichlorobenzene	11.31	146	1212476	10.260	ug/L	99
67) 1,2-Dichlorobenzene	11.68	146	1077107	10.186	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	79562	13.228	ug/L	99
69) 1,3,5-Trichlorobenzene	12.69	180	901611	9.528	ug/L	99
70) 1,2,4-trichlorobenzene	13.30	180	753422	9.931	ug/L	99
71) Naphthalene	13.54	128	1438645	12.737	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	660965	9.896	ug/L	98

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

