

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011520\
 Data File : VV014306.D
 Acq On : 15 Jan 2020 10:26
 Operator : SY/MD
 Sample : VSTD00532
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005323

Quant Time: Jan 16 01:54:51 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	911111	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	828732	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	388770	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	279423	5.36	ug/L	0.00
7) Chloroethane-d5	1.59	69	217164	5.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	433593	4.71	ug/L	0.00
20) 2-Butanone-d5	3.96	46	686851	57.51	ug/L	0.00
24) Chloroform-d	4.40	84	549637	4.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	272329	4.67	ug/L	0.00
32) Benzene-d6	5.10	84	1173712	5.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	363010	6.00	ug/L	0.00
41) Toluene-d8	7.36	98	1062743	5.28	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	151135	5.81	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	585408	62.14	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.26	84	247713	5.57	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	333626	4.90	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	367293	3.770 ug/L	100
3) Chloromethane	1.26	50	353898	5.712 ug/L	100
5) Vinyl chloride	1.32	62	326644	5.280 ug/L	100
6) Bromomethane	1.54	94	181827	5.007 ug/L	100
8) Chloroethane	1.60	64	172081	5.136 ug/L	100
9) Trichlorofluoromethane	1.77	101	394060	3.963 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	211388	4.695 ug/L	100
12) 1,1-Dichloroethene	2.14	96	199975	4.771 ug/L	100
13) Acetone	2.23	43	385555	56.926 ug/L	100
14) Carbon disulfide	2.32	76	941964	7.129 ug/L	100
15) Methyl Acetate	2.48	43	116339	7.494 ug/L	100
16) Methylene chloride	2.54	84	361862	7.329 ug/L	100
17) Methyl tert-butyl Ether	2.81	73	705372	5.258 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	307576	5.043 ug/L	100
19) 1,1-Dichloroethane	3.23	63	579368	5.282 ug/L	100
21) 2-Butanone	4.05	43	733140	55.774 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	333824	5.122 ug/L	100
23) Bromochloromethane	4.30	128	125364	4.531 ug/L	100
25) Chloroform	4.43	83	591103	4.467 ug/L	100
27) 1,2-Dichloroethane	5.18	62	329152	4.483 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	494105	4.854 ug/L	100
30) Cyclohexane	4.72	56	588170	6.285 ug/L	100
31) Carbon tetrachloride	4.87	117	419925	4.649 ug/L	100
33) Benzene	5.15	78	1280195	5.546 ug/L	100
34) Trichloroethene	5.96	95	327240	5.061 ug/L	100
35) Methylcyclohexane	6.17	83	580197	5.588 ug/L	100
37) 1,2-Dichloropropane	6.22	63	312911	5.784 ug/L	100
38) Bromodichloromethane	6.55	83	406247	5.422 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	502317	5.906 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1922941	61.866 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
42) Toluene	7.43	91	1345329	5.326	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	382766	5.639	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	197345	4.972	ug/L	100
47) Tetrachloroethene	8.02	164	228558	4.266	ug/L	100
48) 2-Hexanone	8.18	43	1349953	61.735	ug/L	100
49) Dibromochloromethane	8.29	129	246595	5.076	ug/L	100
50) 1,2-Dibromoethane	8.39	107	188384	5.067	ug/L	100
51) Chlorobenzene	8.92	112	817046	4.900	ug/L	100
52) Ethylbenzene	9.05	91	1524472	5.278	ug/L	100
53) m,p-xylene	9.18	106	565286	5.209	ug/L	100
54) o-xylene	9.58	106	551272	5.305	ug/L	100
55) Styrene	9.60	104	911759	5.247	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.28	83	247003	5.623	ug/L	100
59) Bromoform	9.77	173	119351	5.016	ug/L	100
60) Isopropylbenzene	9.97	105	1473122	5.702	ug/L	100
61) 1,2,3-Trichloropropane	10.31	75	182974	6.070	ug/L	100
62) 1,3,5-Trimethylbenzene	10.58	105	1258377	5.874	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	1246832	5.886	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	610918	4.916	ug/L	100
65) 1,4-Dichlorobenzene	11.31	146	605146	4.811	ug/L	100
67) 1,2-Dichlorobenzene	11.68	146	549255	4.880	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.47	75	43112	6.735	ug/L	100
69) 1,3,5-Trichlorobenzene	12.69	180	444488	4.413	ug/L	100
70) 1,2,4-trichlorobenzene	13.31	180	377572	4.676	ug/L	100
71) Naphthalene	13.55	128	713907	5.938	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	327302	4.604	ug/L	100

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

