

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018614.D
 Acq On : 28 Sep 2020 12:15
 Operator : JC/SP
 Sample : VSTD01066
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01066

Quant Time: Sep 29 00:16:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 00:09:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	263563	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	252215	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	130761	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	139535	10.12	ug/L	0.00
7) Chloroethane-d5	1.70	69	116720	10.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	313528	10.29	ug/L	0.00
20) 2-Butanone-d5	4.55	46	382441	108.74	ug/L	0.00
24) Chloroform-d	5.14	84	334784	10.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	180645	9.49	ug/L	0.00
32) Benzene-d6	6.05	84	616418	10.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	187802	10.59	ug/L	0.00
41) Toluene-d8	8.70	98	605664	10.46	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	81655	10.34	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	320024	113.27	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	137781	10.43	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	221915	10.39	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	169826	10.647	ug/L	100
3) Chloromethane	1.31	50	136914	10.050	ug/L	92
5) Vinyl chloride	1.39	62	144352	10.115	ug/L	100
6) Bromomethane	1.64	94	81516	9.555	ug/L	96
8) Chloroethane	1.72	64	81034	10.115	ug/L	98
9) Trichlorofluoromethane	1.92	101	255542	10.338	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	138024	10.173	ug/L	98
12) 1,1-Dichloroethene	2.35	96	128524	9.988	ug/L	99
13) Acetone	2.45	43	208465	107.094	ug/L	96
14) Carbon disulfide	2.55	76	398003	10.173	ug/L	99
15) Methyl Acetate	2.75	43	51097	9.484	ug/L	94
16) Methylene chloride	2.84	84	133523	7.595	ug/L	94
17) Methyl tert-butyl Ether	3.17	73	299472	10.457	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	131984	10.262	ug/L	95
19) 1,1-Dichloroethane	3.67	63	241619	10.475	ug/L	98
21) 2-Butanone	4.65	43	332248	107.533	ug/L #	61
22) cis-1,2-Dichloroethene	4.56	96	140294	10.454	ug/L #	97
23) Bromochloromethane	4.98	128	65541	10.186	ug/L	91
25) Chloroform	5.18	83	262104	10.397	ug/L	97
27) 1,2-Dichloroethane	6.16	62	167521	10.505	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	254222	10.582	ug/L	99
30) Cyclohexane	5.56	56	209094	10.942	ug/L	98
31) Carbon tetrachloride	5.76	117	229085	10.342	ug/L	97
33) Benzene	6.11	78	516527	10.622	ug/L	100
34) Trichloroethene	7.18	95	145223	10.321	ug/L	95
35) Methylcyclohexane	7.44	83	216638	11.069	ug/L	93
37) 1,2-Dichloropropane	7.49	63	131686	10.148	ug/L	98
38) Bromodichloromethane	7.88	83	181109	10.339	ug/L	98
39) cis-1,3-Dichloropropene	8.41	75	201047	10.925	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	796052	110.690	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	568135	10.816	ug/L	99
43) 1,3,5-Trimethylbenzene	11.49	105	546040	11.890	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	561263	12.216	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	179909	10.720	ug/L	99
47) 1,1,2-Trichloroethane	9.20	97	94386	10.137	ug/L	93
49) Tetrachloroethene	9.32	164	119793	10.813	ug/L	96
50) 2-Hexanone	9.48	43	591264	116.152	ug/L	99
51) Dibromochloromethane	9.57	129	129900	10.662	ug/L	99
52) 1,2-Dibromoethane	9.65	107	91229	10.517	ug/L #	96
53) Chlorobenzene	10.12	112	372490	10.735	ug/L	98
54) Ethylbenzene	10.24	91	635460	11.107	ug/L	98
55) m,p-xylene	10.34	106	245588	11.226	ug/L	97
56) o-xylene	10.68	106	232155	11.231	ug/L	91
57) Styrene	10.69	104	397579	11.650	ug/L	99
58) Isopropylbenzene	11.00	105	639136	11.532	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	112587	10.706	ug/L	91
62) Bromoform	10.84	173	75504	10.845	ug/L	94
63) 1,3-Dichlorobenzene	12.01	146	306209	10.773	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	315681	10.994	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	290134	10.955	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.98	75	21933	9.740	ug/L	90
68) 1,3,5-Trichlorobenzene	13.15	180	231203	10.833	ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	194448	11.115	ug/L	99
70) Naphthalene	13.82	128	340136	11.502	ug/L	98
71) 1,2,3-Trichlorobenzene	14.00	180	181044	11.452	ug/L	94

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

