

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092320\
 Data File : VV018406.D
 Acq On : 23 Sep 2020 11:26
 Operator : SY/MD
 Sample : VSTD10062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100304

Quant Time: Sep 24 07:19:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 07:11:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	297011	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	294952	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	163764	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	180975	95.54	ug/L	0.00
7) Chloroethane-d5	1.58	69	154797	95.12	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	377949	96.24	ug/L	0.00
21) 2-Butanone-d5	3.91	46	276034	197.32	ug/L	0.00
24) Chloroform-d	4.38	84	384719	97.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	243682	96.18	ug/L	0.00
32) Benzene-d6	5.08	84	750938	96.76	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	242184	98.08	ug/L	0.00
41) Toluene-d8	7.34	98	707380	97.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	127292	100.06	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	208789	210.01	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.24	84	319523	99.32	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.65	152	306846	98.28	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	202531	93.344 ug/L	99
3) Chloromethane	1.25	50	225608	94.440 ug/L	99
5) Vinyl chloride	1.32	62	232644	94.672 ug/L	99
6) Bromomethane	1.53	94	147430	95.446 ug/L	99
8) Chloroethane	1.60	64	147118	94.807 ug/L	100
9) Trichlorofluoromethane	1.76	101	331347	94.260 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	203360	94.378 ug/L	100
12) 1,1-Dichloroethene	2.13	96	193575	95.167 ug/L	99
13) Acetone	2.19	43	295413	175.090 ug/L	99
14) Carbon disulfide	2.31	76	558333	95.805 ug/L	100
15) Methyl Acetate	2.45	43	210596	97.366 ug/L	99
16) Methylene chloride	2.52	84	214825	96.024 ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	200607	95.630 ug/L	96
18) Methyl tert-butyl Ether	2.78	73	637597	98.888 ug/L	99
19) 1,1-Dichloroethane	3.21	63	383558	96.070 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	222471	98.489 ug/L	99
22) 2-Butanone	3.99	43	346501	191.844 ug/L	100
23) Bromochloromethane	4.28	128	115404	96.489 ug/L	94
25) Chloroform	4.40	83	387382	95.316 ug/L	99
27) 1,2-Dichloroethane	5.15	62	300458	95.583 ug/L	100
29) Cyclohexane	4.70	56	352863	98.332 ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	344406	95.526 ug/L	99
31) Carbon tetrachloride	4.86	117	302775	96.568 ug/L	100
33) Benzene	5.13	78	851708	96.263 ug/L	100
34) Trichloroethene	5.94	95	226643	96.048 ug/L	99
35) Methylcyclohexane	6.16	83	362376	97.283 ug/L	99
37) 1,2-Dichloropropane	6.20	63	227393	95.094 ug/L	100
38) Bromodichloromethane	6.53	83	294146	97.369 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	364576	100.637 ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	569483	199.523 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	922893	96.360	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	354009	98.892	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	211499	96.336	ug/L	99
46) Tetrachloroethene	8.00	164	182061	95.179	ug/L	98
48) 2-Hexanone	8.16	43	476326	193.041	ug/L	100
49) Dibromochloromethane	8.27	129	240003	97.607	ug/L	99
50) 1,2-Dibromoethane	8.37	107	223263	97.420	ug/L	99
51) Chlorobenzene	8.90	112	593681	96.407	ug/L	99
52) Ethylbenzene	9.03	91	1034795	98.398	ug/L	100
53) m,p-Xylene	9.16	106	390106	98.009	ug/L	99
54) o-Xylene	9.57	106	377300	98.813	ug/L	97
55) Styrene	9.58	104	671425	98.314	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.26	83	319703	98.384	ug/L	99
59) Bromoform	9.75	173	181879	101.134	ug/L	99
60) Isopropylbenzene	9.95	105	1030969	98.544	ug/L	99
61) 1,2,3-Trichloropropane	10.29	75	267549	97.228	ug/L	100
62) 1,3,5-Trimethylbenzene	10.56	105	873390	99.690	ug/L	99
63) 1,2,4-Trimethylbenzene	10.94	105	899880	99.784	ug/L	100
64) 1,3-Dichlorobenzene	11.20	146	500708	97.210	ug/L	99
65) 1,4-Dichlorobenzene	11.29	146	511070	96.516	ug/L	99
67) 1,2-Dichlorobenzene	11.67	146	497074	96.949	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.45	75	73685	103.221	ug/L	96
69) 1,3,5-Trichlorobenzene	12.67	180	400139	98.438	ug/L	100
70) 1,2,4-trichlorobenzene	13.28	180	375027	100.616	ug/L	99
71) Naphthalene	13.52	128	1066745	106.360	ug/L	100
72) 1,2,3-Trichlorobenzene	13.77	180	376439	101.275	ug/L	99

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

