

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111522\
 Data File : VU051858.D
 Acq On : 15 Nov 2022 13:25
 Operator : JC/MD
 Sample : VSTD10052
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100052

Quant Time: Nov 16 00:44:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 16 00:41:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	508743	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	510922	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	276854	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	238906	63.922	ug/L	0.00
7) Chloroethane-d5	1.893	69	237005	75.018	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	432201	67.142	ug/L	0.00
21) 2-Butanone-d5	4.616	46	598644	211.435	ug/L	0.00
24) Chloroform-d	5.060	84	610296	84.807	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	364666	81.923	ug/L	0.00
32) Benzene-d6	5.723	84	1107399	84.260	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	400794	90.751	ug/L	0.00
41) Toluene-d8	7.896	98	941280	80.158	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	168565	91.065	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	491150	246.278	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	787188	100.428	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	486267	95.232	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	289425	68.044	ug/L	100
3) Chloromethane	1.523	50	388934	71.082	ug/L	99
5) Vinyl chloride	1.604	62	414009	76.237	ug/L	99
6) Bromomethane	1.829	94	187405	68.403	ug/L	97
8) Chloroethane	1.916	64	263930	80.412	ug/L	97
9) Trichlorofluoromethane	2.131	101	486159	76.992	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	308111	78.969	ug/L	99
12) 1,1-Dichloroethene	2.575	96	298421	81.142	ug/L	98
13) Acetone	2.620	43	544375	168.399	ug/L	100
14) Carbon disulfide	2.790	76	820132	70.249	ug/L	100
15) Methyl Acetate	2.941	43	417657	87.095	ug/L	100
16) Methylene chloride	3.041	84	416802	85.111	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	325584	85.971	ug/L	96
18) Methyl tert-butyl Ether	3.359	73	1075076	97.804	ug/L	100
19) 1,1-Dichloroethane	3.864	63	655833	87.106	ug/L	99
20) cis-1,2-Dichloroethene	4.662	96	401319	95.829	ug/L	100
22) 2-Butanone	4.697	43	711971	190.984	ug/L	100
23) Bromochloromethane	4.970	128	208527	88.689	ug/L	99
25) Chloroform	5.083	83	682551	87.781	ug/L	99
27) 1,2-Dichloroethane	5.790	62	508142	84.939	ug/L	100
29) Cyclohexane	5.385	56	492105	94.260	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	518824	87.323	ug/L	99
31) Carbon tetrachloride	5.520	117	432886	86.072	ug/L	99
33) Benzene	5.771	78	1541928	93.801	ug/L	100
34) Trichloroethene	6.539	95	354124	89.373	ug/L	98
35) Methylcyclohexane	6.761	83	530601	94.221	ug/L	98
37) 1,2-Dichloropropane	6.787	63	424109	93.758	ug/L	99
38) Bromodichloromethane	7.102	83	530460	91.884	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	614712	102.965	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	1266016	209.750	ug/L	99
42) Toluene	7.967	91	1672218	99.301	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	584842	101.094	ug/L	99

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45) 1,1,2-Trichloroethane	8.398	97	427252	94.213	ug/L	99
46) Tetrachloroethene	8.549	164	271332	91.801	ug/L	96
48) 2-Hexanone	8.681	43	1069076	209.097	ug/L	99
49) Dibromochloromethane	8.809	129	449747	96.337	ug/L	100
50) 1,2-Dibromoethane	8.919	107	437437	94.134	ug/L	98
51) Chlorobenzene	9.443	112	1068235	95.845	ug/L	100
52) Ethylbenzene	9.568	91	1764095	103.270	ug/L	99
53) m,p-Xylene	9.690	106	696715	106.003	ug/L	98
54) o-Xylene	10.099	106	709210	108.206	ug/L	99
55) Styrene	10.111	104	1260803	110.980	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	824461	95.486	ug/L	99
59) Bromoform	10.288	173	360298	93.130	ug/L	100
60) 1,2,3-Trichloropropane	10.819	75	626075	88.152	ug/L	100
61) Isopropylbenzene	10.481	105	1762142	101.808	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	1536859	105.738	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	1533051	107.224	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	846801	96.019	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	850416	93.986	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	873006	94.829	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	165871	86.790	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	572625	96.735	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	479187	104.779	ug/L	100
71) Naphthalene	14.082	128	1779828	120.483	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	529253	108.083	ug/L	99

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

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