

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062057.D
 Acq On : 27 Nov 2024 16:20
 Operator : MD/SY
 Sample : VSTD05011
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050011

Quant Time: Nov 28 00:46:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 00:45:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	180359	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	171280	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	88816	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	62154	49.308	ug/L	0.00
7) Chloroethane-d5	1.905	69	45655	42.542	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.564	63	120555	51.325	ug/L	0.00
21) 2-Butanone-d5	4.615	46	85553	85.599	ug/L	0.00
24) Chloroform-d	5.052	84	129575	48.634	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	83192	49.033	ug/L	0.00
32) Benzene-d6	5.718	84	247165	46.066	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	75216	45.805	ug/L	0.00
41) Toluene-d8	7.888	98	230812	46.311	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	39013	47.371	ug/L	0.00
47) 2-Hexanone-d5	8.624	63	57667	73.038	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.747	84	110661	43.344	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	83794	43.936	ug/L	0.00
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	88986	65.819	ug/L	100
3) Chloromethane	1.519	50	71564	58.304	ug/L	100
5) Vinyl chloride	1.602	62	72111	55.472	ug/L	100
6) Bromomethane	1.850	94	39212	43.131	ug/L	100
8) Chloroethane	1.927	64	41968	50.211	ug/L	100
9) Trichlorofluoromethane	2.133	101	114588	61.166	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	65877	60.884	ug/L	100
12) 1,1-Dichloroethene	2.573	96	58158	57.572	ug/L	100
13) Acetone	2.625	43	95469	119.516	ug/L	100
14) Carbon disulfide	2.785	76	171981	55.898	ug/L	100
15) Methyl Acetate	2.943	43	62816	51.989	ug/L	100
16) Methylene chloride	3.036	84	66377	53.670	ug/L	100
17) trans-1,2-Dichloroethene	3.345	96	60181	54.952	ug/L	100
18) Methyl tert-butyl Ether	3.351	73	198843	53.124	ug/L	100
19) 1,1-Dichloroethane	3.856	63	113839	54.523	ug/L	100
20) cis-1,2-Dichloroethene	4.657	96	67957	52.855	ug/L	100
22) 2-Butanone	4.692	43	105460	107.035	ug/L	100
23) Bromochloromethane	4.965	128	33968	52.040	ug/L	100
25) Chloroform	5.075	83	125509	55.903	ug/L	100
27) 1,2-Dichloroethane	5.782	62	97926	54.683	ug/L	100
29) Cyclohexane	5.380	56	101874	55.080	ug/L	100
30) 1,1,1-Trichloroethane	5.306	97	112429	58.318	ug/L	100
31) Carbon tetrachloride	5.515	117	101334	60.383	ug/L	100
33) Benzene	5.763	78	263030	53.941	ug/L	100
34) Trichloroethene	6.535	95	71041	55.279	ug/L	100
35) Methylcyclohexane	6.753	83	110761	55.759	ug/L	100
37) 1,2-Dichloropropane	6.782	63	67907	52.470	ug/L	100
38) Bromodichloromethane	7.097	83	91751	55.077	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	110786	53.605	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	169526	97.575	ug/L	100
42) Toluene	7.962	91	282656	53.324	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	103907	54.048	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.390	97	68225	52.583	ug/L	100
46) Tetrachloroethene	8.544	164	54288	57.656	ug/L	100
48) 2-Hexanone	8.676	43	141344	100.155	ug/L	100
49) Dibromochloromethane	8.801	129	71242	54.925	ug/L	100
50) 1,2-Dibromoethane	8.914	107	73834	51.629	ug/L	100
51) Chlorobenzene	9.438	112	173505	51.368	ug/L	100
52) Ethylbenzene	9.560	91	312736	54.330	ug/L	100
53) m,p-Xylene	9.686	106	117132	53.590	ug/L	100
54) o-Xylene	10.091	106	112900	52.430	ug/L	100
55) Styrene	10.107	104	193827	54.808	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	110662	49.604	ug/L	100
59) Bromoform	10.280	173	55406	53.487	ug/L	100
60) 1,2,3-Trichloropropane	10.811	75	87857	47.607	ug/L	100
61) Isopropylbenzene	10.477	105	308275	52.944	ug/L	100
62) 1,3,5-Trimethylbenzene	11.078	105	260009	54.491	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	259574	55.179	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	138758	52.885	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	139344	52.417	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	135460	51.702	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.988	75	24340	49.311	ug/L	100
69) 1,3,5-Trichlorobenzene	13.210	180	97484	55.163	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	82237	55.019	ug/L	100
71) Naphthalene	14.078	128	228625	48.828	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	80264	54.678	ug/L	100

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

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