

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061615.D
 Acq On : 13 Nov 2024 09:31
 Operator : MD/SY
 Sample : VSTD00538
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005038

Quant Time: Nov 14 00:05:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 00:03:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	187951	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	179366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	86826	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	62497	5.146	ug/L	0.00
7) Chloroethane-d5	1.911	69	51933	5.009	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	27430	5.034	ug/L	0.00
20) 2-Butanone-d5	4.628	46	133735	52.788	ug/L	0.00
24) Chloroform-d	5.052	84	124092	5.141	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	60455	5.219	ug/L	0.00
32) Benzene-d6	5.718	84	251299	5.064	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	74671	5.102	ug/L	0.00
41) Toluene-d8	7.888	98	239071	5.169	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	27432	5.089	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	110074	51.935	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59355	5.145	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	78273	5.062	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	74866	5.359	ug/L	100
3) Chloromethane	1.515	50	66273	5.229	ug/L	100
5) Vinyl chloride	1.599	62	72905	5.213	ug/L	100
6) Bromomethane	1.853	94	42649	5.111	ug/L	100
8) Chloroethane	1.930	64	49289	5.081	ug/L	100
9) Trichlorofluoromethane	2.133	101	104846	5.100	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	64707	5.324	ug/L	100
12) 1,1-Dichloroethene	2.573	96	59378	5.233	ug/L	100
13) Acetone	2.644	43	84499	52.034	ug/L	100
14) Carbon disulfide	2.785	76	188285	5.167	ug/L	100
15) Methyl Acetate	2.952	43	20910	5.154	ug/L	100
16) Methylene chloride	3.036	84	66910	5.117	ug/L	100
17) Methyl tert-butyl Ether	3.351	73	146436	5.266	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	65317	5.248	ug/L	100
19) 1,1-Dichloroethane	3.856	63	118954	5.243	ug/L	100
21) 2-Butanone	4.705	43	139004	54.357	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	73476	5.235	ug/L	100
23) Bromochloromethane	4.962	128	32938	5.284	ug/L	100
25) Chloroform	5.078	83	127353	5.325	ug/L	100
27) 1,2-Dichloroethane	5.782	62	78744	5.247	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	105728	5.180	ug/L	100
30) Cyclohexane	5.377	56	107648	5.280	ug/L	100
31) Carbon tetrachloride	5.515	117	90567	5.210	ug/L	100
33) Benzene	5.763	78	284679	5.244	ug/L	100
34) Trichloroethene	6.534	95	76929	5.248	ug/L	100
35) Methylcyclohexane	6.753	83	116862	5.287	ug/L	100
37) 1,2-Dichloropropane	6.779	63	70898	5.148	ug/L	100
38) Bromodichloromethane	7.097	83	86444	5.231	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	103242	5.267	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	351001	53.155	ug/L	100
42) Toluene	7.959	91	309627	5.297	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	82625	5.315	ug/L	100

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

45) 1,1,2-Trichloroethane	8.390	97	52439	5.223	ug/L	100
47) Tetrachloroethene	8.544	164	57059	5.180	ug/L	100
48) 2-Hexanone	8.676	43	254617	54.380	ug/L	100
49) Dibromochloromethane	8.801	129	55529	5.275	ug/L	100
50) 1,2-Dibromoethane	8.914	107	50667	5.350	ug/L	100
51) Chlorobenzene	9.438	112	194188	5.162	ug/L	100
52) Ethylbenzene	9.560	91	332302	5.337	ug/L	100
53) m,p-Xylene	9.685	106	127428	5.349	ug/L	100
54) o-Xylene	10.090	106	122822	5.304	ug/L	100
55) Styrene	10.107	104	199438	5.410	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	64324	5.265	ug/L	100
59) Bromoform	10.280	173	29423	5.120	ug/L	100
60) Isopropylbenzene	10.473	105	322480	5.356	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	43123	5.272	ug/L	100
62) 1,3,5-Trimethylbenzene	11.078	105	257337	5.338	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	252858	5.388	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	144975	5.250	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	143792	5.128	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	132479	5.159	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	7605	5.325	ug/L	100
69) 1,3,5-Trichlorobenzene	13.209	180	99670	5.169	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	76491	5.119	ug/L	100
71) Naphthalene	14.081	128	107554	5.173	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	64666	5.155	ug/L	100

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

