

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061861.D
 Acq On : 20 Nov 2024 12:10
 Operator : MD/SY
 Sample : VSTD00552
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005052

Quant Time: Nov 21 00:32:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	175529	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	166632	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	93866	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41939	3.591	ug/L	0.00
7) Chloroethane-d5	1.904	69	38294	4.248	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	18144	3.532	ug/L	0.00
20) 2-Butanone-d5	4.612	46	139425	47.595	ug/L	0.00
24) Chloroform-d	5.052	84	106608	4.889	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	52940	4.636	ug/L	0.00
32) Benzene-d6	5.718	84	179086	4.260	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	61151	4.383	ug/L	0.00
41) Toluene-d8	7.888	98	151722	3.916	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	22551	3.858	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	97987	40.467	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	66326	5.987	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	58410	4.077	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	76854	7.859	ug/L	100
3) Chloromethane	1.518	50	79816	6.182	ug/L	100
5) Vinyl chloride	1.602	62	83359	6.392	ug/L	100
6) Bromomethane	1.846	94	48111	6.730	ug/L	100
8) Chloroethane	1.927	64	49468	6.261	ug/L	100
9) Trichlorofluoromethane	2.133	101	105474	6.332	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	64232	5.924	ug/L	100
12) 1,1-Dichloroethene	2.573	96	60398	5.802	ug/L	100
13) Acetone	2.615	43	96793	50.937	ug/L	100
14) Carbon disulfide	2.785	76	189605	5.480	ug/L	100
15) Methyl Acetate	2.943	43	24419	5.225	ug/L	100
16) Methylene chloride	3.036	84	68646	5.774	ug/L	100
17) Methyl tert-butyl Ether	3.351	73	155020	5.364	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	62821	5.571	ug/L	100
19) 1,1-Dichloroethane	3.856	63	123807	5.658	ug/L	100
21) 2-Butanone	4.692	43	155870	50.448	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	71371	5.681	ug/L	100
23) Bromochloromethane	4.965	128	31333	6.062	ug/L	100
25) Chloroform	5.078	83	131066	5.893	ug/L	100
27) 1,2-Dichloroethane	5.785	62	83170	5.741	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	108213	5.540	ug/L	100
30) Cyclohexane	5.377	56	111847	5.218	ug/L	100
31) Carbon tetrachloride	5.515	117	91361	5.543	ug/L	100
33) Benzene	5.763	78	279943	5.632	ug/L	100
34) Trichloroethene	6.534	95	74118	5.489	ug/L	100
35) Methylcyclohexane	6.753	83	114838	5.352	ug/L	100
37) 1,2-Dichloropropane	6.782	63	71681	5.502	ug/L	100
38) Bromodichloromethane	7.097	83	89092	5.467	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	101970	5.098	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	395971	49.204	ug/L	100
42) Toluene	7.959	91	300401	5.647	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	83082	5.053	ug/L	100

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45) 1,1,2-Trichloroethane	8.390	97	52448	5.905	ug/L	100
47) Tetrachloroethene	8.544	164	52091	5.849	ug/L	100
48) 2-Hexanone	8.672	43	282567	50.607	ug/L	100
49) Dibromochloromethane	8.801	129	54014	5.411	ug/L	100
50) 1,2-Dibromoethane	8.914	107	48677	5.871	ug/L	100
51) Chlorobenzene	9.438	112	181219	5.604	ug/L	100
52) Ethylbenzene	9.560	91	320211	5.385	ug/L	100
53) m,p-Xylene	9.685	106	120644	5.528	ug/L	100
54) o-Xylene	10.090	106	116773	5.473	ug/L	100
55) Styrene	10.107	104	193008	5.577	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	75592	6.582	ug/L	100
59) Bromoform	10.280	173	33603	5.227	ug/L	100
60) Isopropylbenzene	10.476	105	369007	5.742	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	52389	5.585	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	303666	5.446	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	275934	5.016	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	158798	5.768	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	154822	5.690	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	121894	4.984	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	8208	4.310	ug/L	100
69) 1,3,5-Trichlorobenzene	13.209	180	86022	4.699	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	67060	4.773	ug/L	100
71) Naphthalene	14.081	128	98719	4.385	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	55500	4.734	ug/L	100

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

