

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011124\
 Data File : VU057464.D
 Acq On : 11 Jan 2024 17:29
 Operator : MD/SY
 Sample : VSTD00525
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005025

Quant Time: Jan 11 21:06:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 11 21:04:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	305149	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	247989	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	138754	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	158669	5.832	ug/L	0.00
7) Chloroethane-d5	1.914	69	124481	5.731	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.564	65	65926	6.025	ug/L	0.00
20) 2-Butanone-d5	4.637	46	297728	50.238	ug/L	0.00
24) Chloroform-d	5.055	84	270213	5.615	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	131117	5.410	ug/L	0.00
32) Benzene-d6	5.721	84	534659	6.892	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	163610	6.788	ug/L	0.00
41) Toluene-d8	7.891	98	467052	6.988	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	57956	6.198	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	211227	52.624	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	95542	5.126	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	135969	5.258	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	106458	4.836	ug/L	100
3) Chloromethane	1.519	50	116472	4.759	ug/L	100
5) Vinyl chloride	1.602	62	118296	4.690	ug/L	100
6) Bromomethane	1.856	94	67626	5.440	ug/L	100
8) Chloroethane	1.933	64	71583	4.406	ug/L	100
9) Trichlorofluoromethane	2.136	101	163743	4.549	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	108356	4.920	ug/L	100
12) 1,1-Dichloroethene	2.576	96	90225	4.588	ug/L	100
13) Acetone	2.660	43	163439	42.776	ug/L	100
14) Carbon disulfide	2.789	76	251289	4.487	ug/L	100
15) Methyl Acetate	2.956	43	39343	4.467	ug/L	100
16) Methylene chloride	3.039	84	116139	4.518	ug/L	100
17) Methyl tert-butyl Ether	3.358	73	230145	4.626	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	92603	4.710	ug/L	100
19) 1,1-Dichloroethane	3.863	63	208372	4.990	ug/L	100
21) 2-Butanone	4.718	43	257088	46.898	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	107118	4.704	ug/L	100
23) Bromochloromethane	4.969	128	45561	4.518	ug/L	100
25) Chloroform	5.081	83	215222	4.905	ug/L	100
27) 1,2-Dichloroethane	5.789	62	128522	4.705	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	180009	5.545	ug/L	100
30) Cyclohexane	5.383	56	147922	5.990	ug/L	100
31) Carbon tetrachloride	5.518	117	148161	5.460	ug/L	100
33) Benzene	5.769	78	435465	5.841	ug/L	100
34) Trichloroethene	6.538	95	112326	5.674	ug/L	100
35) Methylcyclohexane	6.756	83	148543	5.756	ug/L	100
37) 1,2-Dichloropropane	6.785	63	119071	5.752	ug/L	100
38) Bromodichloromethane	7.100	83	146442	5.556	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	158350	5.641	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	632094	59.853	ug/L	100
42) Toluene	7.962	91	449065	5.604	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	133018	5.477	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	80164	5.412	ug/L	100
47) Tetrachloroethene	8.547	164	74897	5.425	ug/L	100
48) 2-Hexanone	8.682	43	449345	58.437	ug/L	100
49) Dibromochloromethane	8.801	129	80969	4.922	ug/L	100
50) 1,2-Dibromoethane	8.917	107	63246	4.885	ug/L	100
51) Chlorobenzene	9.441	112	223918	4.831	ug/L	100
52) Ethylbenzene	9.567	91	373873	4.892	ug/L	100
53) m,p-Xylene	9.689	106	139679	4.831	ug/L	100
54) o-Xylene	10.094	106	129394	4.740	ug/L	100
55) Styrene	10.110	104	219463	4.801	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	82158	4.666	ug/L	100
59) Bromoform	10.284	173	38812	3.755	ug/L	100
60) Isopropylbenzene	10.480	105	356902	4.328	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	57644	4.130	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	331996	4.974	ug/L	100
63) 1,2,4-Trimethylbenzene	11.464	105	337892	5.074	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	202000	4.946	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	191678	4.647	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	185400	4.738	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	13216	4.248	ug/L	100
69) 1,3,5-Trichlorobenzene	13.213	180	134374	4.624	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	91166	4.053	ug/L	100
71) Naphthalene	14.084	128	107849	3.186	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	66098	3.483	ug/L	100

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

