

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
 Data File : VU057969.D
 Acq On : 29 Feb 2024 11:22
 Operator : MD/SY
 Sample : VSTD02039
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020039

Quant Time: Mar 01 05:04:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 05:01:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156263	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	239753	26.136	ug/L	0.00
7) Chloroethane-d5	1.904	69	196095	25.547	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	105607	24.844	ug/L	0.00
20) 2-Butanone-d5	4.605	46	447897	266.909	ug/L	0.00
24) Chloroform-d	5.052	84	460402	25.085	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	214626	25.782	ug/L	0.00
32) Benzene-d6	5.718	84	922030	25.411	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	283148	25.765	ug/L	0.00
41) Toluene-d8	7.891	98	848782	24.780	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	104389	24.525	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	388024	282.662	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	177901	24.514	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	265253	24.547	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	197057	15.679	ug/L	100
3) Chloromethane	1.515	50	222138	17.179	ug/L	100
5) Vinyl chloride	1.599	62	245813	17.796	ug/L	97
6) Bromomethane	1.846	94	126359	17.437	ug/L	99
8) Chloroethane	1.923	64	154186	18.332	ug/L	94
9) Trichlorofluoromethane	2.132	101	346646	17.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	216972	18.159	ug/L	99
12) 1,1-Dichloroethene	2.573	96	194561	17.575	ug/L	97
13) Acetone	2.615	43	303025	197.392	ug/L	98
14) Carbon disulfide	2.785	76	597311	16.827	ug/L	100
15) Methyl Acetate	2.939	43	70618	18.139	ug/L	95
16) Methylene chloride	3.033	84	214771	17.982	ug/L	100
17) Methyl tert-butyl Ether	3.348	73	481180	18.427	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	209536	17.987	ug/L	98
19) 1,1-Dichloroethane	3.856	63	429895	19.613	ug/L	100
21) 2-Butanone	4.685	43	482363	200.789	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	236850	18.792	ug/L	99
23) Bromochloromethane	4.962	128	90689	18.183	ug/L	96
25) Chloroform	5.078	83	432206	18.804	ug/L	98
27) 1,2-Dichloroethane	5.782	62	245403	18.455	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	366287	17.481	ug/L	100
30) Cyclohexane	5.380	56	378929	18.568	ug/L	100
31) Carbon tetrachloride	5.515	117	321655	17.530	ug/L	100
33) Benzene	5.766	78	931495	18.761	ug/L	100
34) Trichloroethene	6.534	95	245535	18.088	ug/L	98
35) Methylcyclohexane	6.756	83	391970	17.929	ug/L	99
37) 1,2-Dichloropropane	6.782	63	243187	19.454	ug/L	99
38) Bromodichloromethane	7.097	83	298619	18.095	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	359738	18.906	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	1212163	203.233	ug/L	99
42) Toluene	7.962	91	991722	18.642	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	287660	18.736	ug/L	96

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45) 1,1,2-Trichloroethane	8.393	97	145342	18.217	ug/L	99
47) Tetrachloroethene	8.547	164	170443	17.319	ug/L	98
48) 2-Hexanone	8.676	43	880285	208.806	ug/L	97
49) Dibromochloromethane	8.804	129	180951	17.725	ug/L	99
50) 1,2-Dibromoethane	8.917	107	134343	17.549	ug/L	95
51) Chlorobenzene	9.441	112	609919	18.338	ug/L	99
52) Ethylbenzene	9.563	91	1135941	19.030	ug/L	100
53) m,p-Xylene	9.688	106	410910	18.618	ug/L	99
54) o-Xylene	10.094	106	407668	19.015	ug/L	100
55) Styrene	10.106	104	664090	20.034	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	175267	18.178	ug/L	97
59) Bromoform	10.283	173	91725	16.306	ug/L	99
60) Isopropylbenzene	10.476	105	1054621	18.488	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	124184	17.145	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	932347	18.607	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	937103	18.695	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	470242	18.204	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	449206	18.062	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	413216	17.943	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	28170	20.922	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	347814	18.538	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	286896	20.646	ug/L	98
71) Naphthalene	14.081	128	419666	21.500	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	223079	20.572	ug/L	99

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

