

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058376.D
 Acq On : 04 Apr 2024 18:28
 Operator : MD/SY
 Sample : VSTD02052
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020052

Quant Time: Apr 04 22:48:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	90131	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	85872	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	123227	16.923	ug/L	0.00
7) Chloroethane-d5	1.907	69	108238	18.121	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	55888	18.341	ug/L	0.00
20) 2-Butanone-d5	4.618	46	292807	221.191	ug/L	-0.02
24) Chloroform-d	5.052	84	248723	18.770	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	115971	18.835	ug/L	0.00
32) Benzene-d6	5.717	84	491171	18.130	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	151934	18.958	ug/L	0.00
41) Toluene-d8	7.891	98	445533	18.626	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	51959	20.115	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	230928	220.839	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	104099	19.747	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	144785	17.641	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	151670	34.027	ug/L	100
3) Chloromethane	1.515	50	175732	31.436	ug/L	99
5) Vinyl chloride	1.599	62	185542	31.182	ug/L	100
6) Bromomethane	1.853	94	90024	29.526	ug/L	100
8) Chloroethane	1.927	64	121855	31.952	ug/L	99
9) Trichlorofluoromethane	2.132	101	247551	27.005	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	147396	25.595	ug/L	98
12) 1,1-Dichloroethene	2.573	96	132841	27.150	ug/L	96
13) Acetone	2.637	43	209060	226.932	ug/L	99
14) Carbon disulfide	2.785	76	408453	34.078	ug/L	99
15) Methyl Acetate	2.946	43	54069	27.577	ug/L	97
16) Methylene chloride	3.033	84	149890	21.543	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	323988	25.440	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	141531	27.476	ug/L	98
19) 1,1-Dichloroethane	3.856	63	298028	26.288	ug/L	98
21) 2-Butanone	4.698	43	343605	246.294	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	158740	25.741	ug/L	97
23) Bromochloromethane	4.965	128	62253	26.862	ug/L	99
25) Chloroform	5.074	83	289999	24.707	ug/L	99
27) 1,2-Dichloroethane	5.782	62	176917	26.154	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	238689	25.372	ug/L	98
30) Cyclohexane	5.380	56	271154	31.240	ug/L	100
31) Carbon tetrachloride	5.515	117	206078	25.551	ug/L	100
33) Benzene	5.763	78	643963	26.574	ug/L	100
34) Trichloroethene	6.534	95	161588	25.757	ug/L	99
35) Methylcyclohexane	6.756	83	265666	29.422	ug/L	99
37) 1,2-Dichloropropane	6.782	63	170933	25.412	ug/L	100
38) Bromodichloromethane	7.097	83	199469	26.033	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	237899	28.111	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	851836	254.486	ug/L	98
42) Toluene	7.962	91	687572	26.850	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	191217	28.757	ug/L	100

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45) 1,1,2-Trichloroethane	8.389	97	101560	24.366	ug/L	98
47) Tetrachloroethene	8.544	164	117942	27.565	ug/L	97
48) 2-Hexanone	8.676	43	624326	255.357	ug/L	99
49) Dibromochloromethane	8.801	129	120919	26.312	ug/L	98
50) 1,2-Dibromoethane	8.917	107	93559	26.064	ug/L	97
51) Chlorobenzene	9.438	112	410661	25.285	ug/L	99
52) Ethylbenzene	9.563	91	767263	27.082	ug/L	100
53) m,p-Xylene	9.685	106	279884	27.605	ug/L	100
54) o-Xylene	10.094	106	276957	27.341	ug/L	100
55) Styrene	10.106	104	462948	28.792	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	125198	25.485	ug/L	100
59) Bromoform	10.283	173	65088	25.685	ug/L	99
60) Isopropylbenzene	10.476	105	714820	24.937	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	90856	22.704	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	610680	25.517	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	631255	26.348	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	325576	24.384	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	315260	24.441	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	296277	24.065	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	18348	30.511	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	250234	26.452	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	198663	28.548	ug/L	99
71) Naphthalene	14.080	128	279784	30.088	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	161541	28.309	ug/L	99

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

