

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
 Data File : VU060352.D
 Acq On : 08 Aug 2024 11:56
 Operator : MD/SY
 Sample : VSTD01003
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010003

Quant Time: Aug 08 23:25:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:23:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	123616	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	128808	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	71096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99903	11.304	ug/L	0.00
7) Chloroethane-d5	1.911	69	88002	10.750	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	42087	11.966	ug/L	0.00
20) 2-Butanone-d5	4.634	46	220181	108.793	ug/L	0.00
24) Chloroform-d	5.055	84	198438	10.788	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	90290	10.637	ug/L	0.00
32) Benzene-d6	5.718	84	410466	11.686	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	126223	11.295	ug/L	0.00
41) Toluene-d8	7.891	98	379579	11.877	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	43088	11.424	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	200210	117.381	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	101428	10.315	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	137270	10.588	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	73723	8.352	ug/L	98
3) Chloromethane	1.518	50	85577	7.926	ug/L	97
5) Vinyl chloride	1.602	62	100028	8.244	ug/L	99
6) Bromomethane	1.856	94	70600	8.784	ug/L	98
8) Chloroethane	1.930	64	66445	8.308	ug/L	99
9) Trichlorofluoromethane	2.136	101	142490	9.168	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	93805	9.219	ug/L	100
12) 1,1-Dichloroethene	2.573	96	85814	9.285	ug/L	92
13) Acetone	2.657	43	134574	97.836	ug/L	98
14) Carbon disulfide	2.788	76	215306	8.224	ug/L	99
15) Methyl Acetate	2.959	43	30979	9.713	ug/L	94
16) Methylene chloride	3.039	84	97236	8.582	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	208914	9.821	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	84580	8.847	ug/L	99
19) 1,1-Dichloroethane	3.859	63	173877	9.501	ug/L	98
21) 2-Butanone	4.714	43	222318	104.617	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	105225	9.768	ug/L	97
23) Bromochloromethane	4.968	128	46890	8.945	ug/L	97
25) Chloroform	5.078	83	186182	9.227	ug/L	99
27) 1,2-Dichloroethane	5.785	62	103979	9.068	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	150717	9.541	ug/L	99
30) Cyclohexane	5.380	56	130693	10.436	ug/L	98
31) Carbon tetrachloride	5.515	117	129362	9.469	ug/L	99
33) Benzene	5.766	78	407829	9.795	ug/L	100
34) Trichloroethene	6.534	95	103052	9.299	ug/L	99
35) Methylcyclohexane	6.756	83	145352	10.123	ug/L	98
37) 1,2-Dichloropropane	6.782	63	107708	9.477	ug/L	99
38) Bromodichloromethane	7.097	83	133591	9.402	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	151696	10.215	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	543684	106.680	ug/L	99
42) Toluene	7.962	91	446874	10.088	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	124420	9.968	ug/L	95

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45) 1,1,2-Trichloroethane	8.393	97	81993	9.468	ug/L	98
47) Tetrachloroethene	8.547	164	80533	8.938	ug/L	96
48) 2-Hexanone	8.679	43	407056	107.466	ug/L	99
49) Dibromochloromethane	8.801	129	90058	9.434	ug/L	94
50) 1,2-Dibromoethane	8.917	107	73492	9.384	ug/L	97
51) Chlorobenzene	9.441	112	281704	9.691	ug/L	96
52) Ethylbenzene	9.563	91	471603	10.612	ug/L	99
53) m,p-Xylene	9.685	106	184924	10.765	ug/L	98
54) o-Xylene	10.094	106	175723	10.686	ug/L	100
55) Styrene	10.107	104	319564	11.409	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	102291	9.595	ug/L	99
59) Bromoform	10.283	173	55078	8.650	ug/L	100
60) Isopropylbenzene	10.476	105	479447	10.449	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	67752	9.075	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	383895	10.908	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	387479	11.348	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	232729	9.493	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	231856	9.224	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	218876	9.309	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	13489	9.233	ug/L	91
69) 1,3,5-Trichlorobenzene	13.209	180	175803	9.508	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	141899	9.982	ug/L	99
71) Naphthalene	14.077	128	215788	10.590	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	127649	10.016	ug/L	99

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

