

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057569.D
 Acq On : 23 Jan 2024 13:52
 Operator : MD/SY
 Sample : VSTD02033
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020033

Quant Time: Jan 24 00:29:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	70133	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	33310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	80570	12.508	ug/L	0.00
7) Chloroethane-d5	1.914	69	64299	12.778	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	38312	13.815	ug/L	0.00
20) 2-Butanone-d5	4.631	46	169636	138.063	ug/L	0.00
24) Chloroform-d	5.055	84	166804	14.612	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	77604	14.215	ug/L	0.00
32) Benzene-d6	5.721	84	323613	15.219	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	95804	14.455	ug/L	0.00
41) Toluene-d8	7.891	98	305682	16.910	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	40988	17.502	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	139571	167.759	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	68573	14.793	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	99203	15.678	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	122311	25.270	ug/L	99
3) Chloromethane	1.518	50	119213	19.739	ug/L	98
5) Vinyl chloride	1.602	62	130134	23.810	ug/L	100
6) Bromomethane	1.856	94	69632	22.510	ug/L	98
8) Chloroethane	1.933	64	77104	22.849	ug/L	95
9) Trichlorofluoromethane	2.136	101	192723	25.326	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	113960	24.097	ug/L	99
12) 1,1-Dichloroethene	2.576	96	104747	24.438	ug/L	97
13) Acetone	2.663	43	139152	174.928	ug/L	97
14) Carbon disulfide	2.788	76	338385	27.289	ug/L	100
15) Methyl Acetate	2.956	43	35423	19.675	ug/L	99
16) Methylene chloride	3.039	84	109182	19.571	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	259548	24.666	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	111437	25.991	ug/L	99
19) 1,1-Dichloroethane	3.862	63	206349	22.303	ug/L	99
21) 2-Butanone	4.711	43	225644	201.475	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	122270	24.854	ug/L	100
23) Bromochloromethane	4.965	128	49907	23.753	ug/L	98
25) Chloroform	5.078	83	214912	22.256	ug/L	100
27) 1,2-Dichloroethane	5.785	62	130917	22.566	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	195888	24.397	ug/L	100
30) Cyclohexane	5.383	56	188793	27.746	ug/L	99
31) Carbon tetrachloride	5.518	117	176320	25.974	ug/L	98
33) Benzene	5.766	78	459398	24.091	ug/L	100
34) Trichloroethene	6.534	95	127158	25.156	ug/L	98
35) Methylcyclohexane	6.756	83	207105	29.229	ug/L	97
37) 1,2-Dichloropropane	6.782	63	115956	21.843	ug/L	100
38) Bromodichloromethane	7.097	83	156051	23.955	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	186029	25.574	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	566765	220.386	ug/L	100
42) Toluene	7.962	91	499464	26.188	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	152523	25.890	ug/L	98

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45) 1,1,2-Trichloroethane	8.393	97	75736	22.267	ug/L	99
47) Tetrachloroethene	8.547	164	92476	26.684	ug/L	99
48) 2-Hexanone	8.679	43	413270	221.112	ug/L	97
49) Dibromochloromethane	8.804	129	100523	26.040	ug/L	99
50) 1,2-Dibromoethane	8.917	107	75162	25.555	ug/L	99
51) Chlorobenzene	9.441	112	314862	24.993	ug/L	99
52) Ethylbenzene	9.563	91	574047	27.330	ug/L	99
53) m,p-Xylene	9.688	106	213005	28.274	ug/L	98
54) o-Xylene	10.094	106	208142	28.399	ug/L	100
55) Styrene	10.106	104	336307	28.536	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	95352	22.244	ug/L	99
59) Bromoform	10.283	173	57668	24.371	ug/L	98
60) Isopropylbenzene	10.476	105	529281	25.133	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	68480	21.160	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	468753	28.018	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	476630	28.507	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	243336	24.697	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	232458	23.841	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	218824	24.123	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	15749	25.980	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	190059	27.895	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	151955	32.422	ug/L	98
71) Naphthalene	14.077	128	225457	33.664	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	118177	30.736	ug/L	98

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

