

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011124\
 Data File : VU057465.D
 Acq On : 11 Jan 2024 17:53
 Operator : MD/SY
 Sample : VSTD01026
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010026

Quant Time: Jan 11 21:06:53 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	314209	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	305669	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	147528	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	328471	11.726	ug/L	0.00
7) Chloroethane-d5	1.914	69	254506	11.380	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	138472	12.289	ug/L	0.00
20) 2-Butanone-d5	4.634	46	648080	106.202	ug/L	0.00
24) Chloroform-d	5.055	84	568406	11.471	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	267494	10.719	ug/L	0.00
32) Benzene-d6	5.721	84	1115680	11.667	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	338024	11.378	ug/L	0.00
41) Toluene-d8	7.891	98	994179	12.067	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	122037	10.588	ug/L	0.00
46) 2-Hexanone-d5	8.630	63	492955	99.637	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	240451	10.466	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	294981	10.729	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	213210	9.407	ug/L	99
3) Chloromethane	1.518	50	239705	9.511	ug/L	97
5) Vinyl chloride	1.602	62	248114	9.554	ug/L	99
6) Bromomethane	1.856	94	143067	11.177	ug/L	97
8) Chloroethane	1.933	64	152608	9.123	ug/L	100
9) Trichlorofluoromethane	2.136	101	333893	9.009	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	220241	9.712	ug/L	98
12) 1,1-Dichloroethene	2.576	96	193038	9.533	ug/L	96
13) Acetone	2.660	43	332895	84.614	ug/L	98
14) Carbon disulfide	2.788	76	522157	9.054	ug/L	99
15) Methyl Acetate	2.955	43	84400	9.306	ug/L	100
16) Methylene chloride	3.039	84	224638	8.487	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	493863	9.640	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	197071	9.734	ug/L	99
19) 1,1-Dichloroethane	3.862	63	433717	10.086	ug/L	99
21) 2-Butanone	4.714	43	550808	97.580	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	228823	9.758	ug/L	94
23) Bromochloromethane	4.968	128	95837	9.230	ug/L	95
25) Chloroform	5.081	83	457154	10.119	ug/L	97
27) 1,2-Dichloroethane	5.788	62	265902	9.454	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	372757	9.315	ug/L	99
30) Cyclohexane	5.383	56	324392	10.657	ug/L	99
31) Carbon tetrachloride	5.518	117	309363	9.249	ug/L	99
33) Benzene	5.766	78	914192	9.949	ug/L	100
34) Trichloroethene	6.537	95	235874	9.666	ug/L	98
35) Methylcyclohexane	6.756	83	329857	10.370	ug/L	98
37) 1,2-Dichloropropane	6.782	63	256248	10.042	ug/L	100
38) Bromodichloromethane	7.100	83	308015	9.481	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	348644	10.077	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	1374117	105.562	ug/L	98
42) Toluene	7.962	91	956772	9.687	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	288624	9.641	ug/L	98

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45) 1,1,2-Trichloroethane	8.393	97	164641	9.018	ug/L	98
47) Tetrachloroethene	8.547	164	156997	9.226	ug/L	98
48) 2-Hexanone	8.682	43	1018175	107.427	ug/L	98
49) Dibromochloromethane	8.804	129	176180	8.688	ug/L	98
50) 1,2-Dibromoethane	8.917	107	146424	9.175	ug/L	98
51) Chlorobenzene	9.441	112	590707	10.340	ug/L	98
52) Ethylbenzene	9.566	91	1040073	11.041	ug/L	99
53) m,p-Xylene	9.688	106	386237	10.839	ug/L	97
54) o-Xylene	10.093	106	371894	11.054	ug/L	95
55) Styrene	10.110	104	633259	11.238	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	208924	9.626	ug/L	99
59) Bromoform	10.283	173	98927	9.002	ug/L	98
60) Isopropylbenzene	10.479	105	999592	11.400	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	141392	9.528	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	817473	11.518	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	821986	11.610	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	444077	10.227	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	434718	9.913	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	410278	9.861	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	24614	7.441	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	277623	8.985	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	226434	9.467	ug/L	99
71) Naphthalene	14.080	128	324196	9.008	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	187750	9.305	ug/L	99

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

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