

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058879.D
 Acq On : 14 May 2024 11:31
 Operator : MD/SY
 Sample : VSTD02066
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020066

Quant Time: May 15 00:28:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:25:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	180991	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	179421	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	95242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	213461	19.204	ug/L	0.00
7) Chloroethane-d5	1.911	69	197050	19.859	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	86378	19.620	ug/L	0.00
20) 2-Butanone-d5	4.618	46	628552	227.863	ug/L	-0.01
24) Chloroform-d	5.052	84	450427	20.422	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	223239	20.522	ug/L	0.00
32) Benzene-d6	5.717	84	862750	20.378	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	283985	20.790	ug/L	0.00
41) Toluene-d8	7.891	98	771487	20.556	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	106975	21.618	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	555088	238.262	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	249152	21.058	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	293831	20.466	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	260157	21.113	ug/L	98
3) Chloromethane	1.518	50	292011	20.171	ug/L	99
5) Vinyl chloride	1.602	62	320838	20.600	ug/L	100
6) Bromomethane	1.856	94	202636	20.887	ug/L	95
8) Chloroethane	1.930	64	201014	20.588	ug/L	99
9) Trichlorofluoromethane	2.136	101	412701	21.131	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	244483	20.944	ug/L	99
12) 1,1-Dichloroethene	2.576	96	224060	21.106	ug/L	96
13) Acetone	2.640	43	392088	205.986	ug/L	98
14) Carbon disulfide	2.788	76	672706	19.832	ug/L	100
15) Methyl Acetate	2.946	43	98626	20.587	ug/L	95
16) Methylene chloride	3.036	84	272164	17.657	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	620203	21.940	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	240257	21.025	ug/L	98
19) 1,1-Dichloroethane	3.859	63	496649	21.094	ug/L	99
21) 2-Butanone	4.698	43	661141	217.499	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	280561	21.002	ug/L	93
23) Bromochloromethane	4.965	128	123259	21.483	ug/L	99
25) Chloroform	5.078	83	496500	20.675	ug/L	99
27) 1,2-Dichloroethane	5.785	62	311838	20.942	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	408109	21.459	ug/L	99
30) Cyclohexane	5.380	56	408424	22.406	ug/L	99
31) Carbon tetrachloride	5.518	117	338324	21.360	ug/L	98
33) Benzene	5.766	78	1084142	21.195	ug/L	100
34) Trichloroethene	6.534	95	283438	21.075	ug/L	97
35) Methylcyclohexane	6.756	83	443267	23.214	ug/L	97
37) 1,2-Dichloropropane	6.782	63	300502	20.711	ug/L	99
38) Bromodichloromethane	7.097	83	358554	20.990	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	443428	22.464	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	1678934	216.081	ug/L	99
42) Toluene	7.962	91	1167981	21.664	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	365080	22.258	ug/L	100

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45) 1,1,2-Trichloroethane	8.393	97	211033	21.358	ug/L	99
47) Tetrachloroethene	8.547	164	201341	21.587	ug/L	98
48) 2-Hexanone	8.676	43	1206855	210.263	ug/L	97
49) Dibromochloromethane	8.801	129	234621	21.795	ug/L	98
50) 1,2-Dibromoethane	8.917	107	198038	21.174	ug/L	98
51) Chlorobenzene	9.438	112	722373	21.233	ug/L	99
52) Ethylbenzene	9.563	91	1305656	22.393	ug/L	98
53) m,p-Xylene	9.685	106	491583	22.613	ug/L	97
54) o-Xylene	10.093	106	484045	23.160	ug/L	100
55) Styrene	10.106	104	837849	23.267	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	269050	21.192	ug/L	100
59) Bromoform	10.283	173	141463	21.167	ug/L	98
60) Isopropylbenzene	10.476	105	1314258	22.459	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	187327	20.446	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	1106057	23.380	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	1104371	23.358	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	598998	21.076	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	598459	20.617	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	560405	20.648	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	40360	20.766	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	466307	21.799	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	400284	21.358	ug/L	99
71) Naphthalene	14.077	128	694886	22.399	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	354212	21.088	ug/L	99

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

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