

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058877.D
 Acq On : 14 May 2024 10:43
 Operator : MD/SY
 Sample : VSTD00564
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005064

Quant Time: May 15 00:27:46 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	169317	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	165898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	84514	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53611	5.156	ug/L	0.00
7) Chloroethane-d5	1.911	69	49046	5.284	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	21757	5.283	ug/L	0.00
20) 2-Butanone-d5	4.631	46	141023	54.648	ug/L	0.00
24) Chloroform-d	5.055	84	108441	5.256	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	54098	5.316	ug/L	0.00
32) Benzene-d6	5.721	84	205418	5.247	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	67360	5.333	ug/L	0.00
41) Toluene-d8	7.891	98	185776	5.353	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	24372	5.327	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	112838	52.382	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	57729	5.277	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	64133	5.034	ug/L	0.00
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	63471	5.506	ug/L	100
3) Chloromethane	1.515	50	72909	5.383	ug/L	100
5) Vinyl chloride	1.602	62	79280	5.441	ug/L	100
6) Bromomethane	1.856	94	48893	5.387	ug/L	100
8) Chloroethane	1.930	64	48564	5.317	ug/L	100
9) Trichlorofluoromethane	2.136	101	99045	5.421	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	60675	5.556	ug/L	100
12) 1,1-Dichloroethene	2.576	96	52804	5.317	ug/L	100
13) Acetone	2.644	43	87252	48.999	ug/L	100
14) Carbon disulfide	2.788	76	164261	5.177	ug/L	100
15) Methyl Acetate	2.955	43	23505	5.245	ug/L	100
16) Methylene chloride	3.039	84	66193	4.590	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	137349	5.194	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	56515	5.287	ug/L	100
19) 1,1-Dichloroethane	3.862	63	118075	5.361	ug/L	100
21) 2-Butanone	4.708	43	144270	50.734	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	66579	5.327	ug/L	100
23) Bromochloromethane	4.968	128	29366	5.471	ug/L	100
25) Chloroform	5.081	83	120883	5.381	ug/L	100
27) 1,2-Dichloroethane	5.788	62	75120	5.393	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	95562	5.434	ug/L	100
30) Cyclohexane	5.380	56	90109	5.346	ug/L	100
31) Carbon tetrachloride	5.518	117	80160	5.473	ug/L	100
33) Benzene	5.766	78	255974	5.412	ug/L	100
34) Trichloroethene	6.537	95	65788	5.290	ug/L	100
35) Methylcyclohexane	6.759	83	94881	5.374	ug/L	100
37) 1,2-Dichloropropane	6.782	63	70988	5.291	ug/L	100
38) Bromodichloromethane	7.097	83	86056	5.448	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	96314	5.277	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	375876	52.319	ug/L	100
42) Toluene	7.962	91	270604	5.428	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	79148	5.219	ug/L	100

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45) 1,1,2-Trichloroethane	8.393	97	50040	5.477	ug/L	100
47) Tetrachloroethene	8.547	164	47081	5.459	ug/L	100
48) 2-Hexanone	8.675	43	273033	51.446	ug/L	100
49) Dibromochloromethane	8.801	129	53476	5.373	ug/L	100
50) 1,2-Dibromoethane	8.917	107	45877	5.305	ug/L	100
51) Chlorobenzene	9.441	112	166144	5.282	ug/L	100
52) Ethylbenzene	9.563	91	282044	5.231	ug/L	100
53) m,p-Xylene	9.688	106	106858	5.316	ug/L	100
54) o-Xylene	10.093	106	101788	5.267	ug/L	100
55) Styrene	10.106	104	177813	5.340	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	62606	5.333	ug/L	100
59) Bromoform	10.283	173	31673	5.341	ug/L	100
60) Isopropylbenzene	10.476	105	281661	5.424	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	44634	5.490	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	223412	5.322	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	224892	5.360	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	133496	5.293	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	131114	5.090	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	125913	5.228	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	9087	5.269	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	98987	5.215	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	80914	4.865	ug/L	100
71) Naphthalene	14.080	128	121636	4.419	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	72214	4.845	ug/L	100

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

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