

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
 Data File : VV037241.D
 Acq On : 10 Sep 2024 09:55
 Operator : SY/MD
 Sample : VSTD00570
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005270

Quant Time: Sep 11 04:36:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:34:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	320302	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	312860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	164279	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	92829	4.940	ug/L	0.00
7) Chloroethane-d5	1.529	69	99104	5.058	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	50177	5.171	ug/L	0.00
20) 2-Butanone-d5	3.818	46	286438	56.171	ug/L	0.00
24) Chloroform-d	4.243	84	231425	5.072	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	106556	4.988	ug/L	0.00
32) Benzene-d6	4.953	84	441132	5.259	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	135730	4.987	ug/L	0.00
41) Toluene-d8	7.236	98	402931	5.331	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	44248	5.157	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	223912	55.602	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	107457	5.054	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	142881	4.892	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	151170	5.081	ug/L	100
3) Chloromethane	1.214	50	155972	4.913	ug/L	100
5) Vinyl chloride	1.281	62	157393	5.044	ug/L	100
6) Bromomethane	1.487	94	93591	5.000	ug/L	100
8) Chloroethane	1.548	64	96104	5.122	ug/L	100
9) Trichlorofluoromethane	1.709	101	200803	5.174	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	118423	5.038	ug/L	100
12) 1,1-Dichloroethene	2.066	96	114642	5.107	ug/L	100
13) Acetone	2.146	43	188676	50.435	ug/L	100
14) Carbon disulfide	2.236	76	356285	5.034	ug/L	100
15) Methyl Acetate	2.388	43	44107	5.002	ug/L	100
16) Methylene chloride	2.442	84	128651	4.986	ug/L	100
17) Methyl tert-butyl Ether	2.699	73	272265	5.103	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	122068	5.169	ug/L	100
19) 1,1-Dichloroethane	3.105	63	232830	5.163	ug/L	100
21) 2-Butanone	3.895	43	294074	53.314	ug/L	100
22) cis-1,2-Dichloroethene	3.809	96	131577	5.154	ug/L	100
23) Bromochloromethane	4.143	128	56301	5.092	ug/L	100
25) Chloroform	4.268	83	235032	5.174	ug/L	100
27) 1,2-Dichloroethane	5.037	62	136055	5.293	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	196420	5.295	ug/L	100
30) Cyclohexane	4.574	56	186295	5.176	ug/L	100
31) Carbon tetrachloride	4.728	117	165408	5.238	ug/L	100
33) Benzene	5.005	78	498105	5.284	ug/L	100
34) Trichloroethene	5.828	95	132436	5.214	ug/L	100
35) Methylcyclohexane	6.043	83	202385	5.241	ug/L	100
37) 1,2-Dichloropropane	6.088	63	125174	5.390	ug/L	100
38) Bromodichloromethane	6.429	83	159639	5.317	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	176864	5.208	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	743296	54.555	ug/L	100
42) Toluene	7.310	91	529037	5.395	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	146634	5.301	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	91385	5.324	ug/L	100
47) Tetrachloroethene	7.899	164	96044	5.283	ug/L	100
48) 2-Hexanone	8.075	43	518943	55.287	ug/L	100
49) Dibromochloromethane	8.172	129	94962	5.280	ug/L	100
50) 1,2-Dibromoethane	8.278	107	85207	5.254	ug/L	100
51) Chlorobenzene	8.808	112	341427	5.229	ug/L	100
52) Ethylbenzene	8.940	91	579807	5.298	ug/L	100
53) m,p-Xylene	9.069	106	220107	5.466	ug/L	100
54) o-Xylene	9.474	106	211129	5.296	ug/L	100
55) Styrene	9.493	104	370746	5.486	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	110049	5.307	ug/L	100
59) Bromoform	9.661	173	48851	5.083	ug/L	100
60) Isopropylbenzene	9.860	105	571000	5.193	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	76162	5.095	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	455866	5.228	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	458333	5.233	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	265507	5.108	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	269708	5.060	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	242088	5.024	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	15445	5.174	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	184806	4.985	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	152116	4.985	ug/L	100
71) Naphthalene	13.438	128	214059	4.590	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	128093	5.073	ug/L	100

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

