

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037872.D
 Acq On : 16 Oct 2024 11:02
 Operator : SY/MD
 Sample : VSTD00576
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005276

Quant Time: Oct 17 01:57:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 01:55:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	319174	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	327606	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	177880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	104270	3.746	ug/L	0.00
7) Chloroethane-d5	1.532	69	95351	4.285	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	49089	4.064	ug/L	0.00
20) 2-Butanone-d5	3.815	46	245593	49.241	ug/L	0.00
24) Chloroform-d	4.243	84	229559	4.984	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	106541	4.894	ug/L	0.00
32) Benzene-d6	4.953	84	444346	4.893	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	128447	4.582	ug/L	0.00
41) Toluene-d8	7.236	98	418735	5.126	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	48673	4.836	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	223199	52.430	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	109559	5.001	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	152877	4.893	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	155033	5.134	ug/L	100
3) Chloromethane	1.217	50	150953	4.394	ug/L	100
5) Vinyl chloride	1.281	62	156101	4.610	ug/L	100
6) Bromomethane	1.487	94	95506	4.838	ug/L	100
8) Chloroethane	1.548	64	95857	4.604	ug/L	100
9) Trichlorofluoromethane	1.712	101	207800	5.064	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	119171	4.782	ug/L	100
12) 1,1-Dichloroethene	2.066	96	116361	4.841	ug/L	100
13) Acetone	2.146	43	181675	51.288	ug/L	100
14) Carbon disulfide	2.236	76	393216	5.136	ug/L	100
15) Methyl Acetate	2.391	43	45302	4.941	ug/L	100
16) Methylene chloride	2.442	84	134866	4.470	ug/L	100
17) Methyl tert-butyl Ether	2.703	73	270633	4.962	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	129736	5.213	ug/L	100
19) 1,1-Dichloroethane	3.108	63	231297	4.741	ug/L	100
21) 2-Butanone	3.892	43	273092	48.173	ug/L	100
22) cis-1,2-Dichloroethene	3.809	96	133909	5.213	ug/L	100
23) Bromochloromethane	4.143	128	62041	5.325	ug/L	100
25) Chloroform	4.268	83	240174	4.984	ug/L	100
27) 1,2-Dichloroethane	5.040	62	137735	4.902	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	204320	5.007	ug/L	100
30) Cyclohexane	4.574	56	174956	4.608	ug/L	100
31) Carbon tetrachloride	4.728	117	179655	5.116	ug/L	100
33) Benzene	5.005	78	512700	5.041	ug/L	100
34) Trichloroethene	5.828	95	136154	5.082	ug/L	100
35) Methylcyclohexane	6.040	83	190158	4.790	ug/L	100
37) 1,2-Dichloropropane	6.088	63	124944	4.732	ug/L	100
38) Bromodichloromethane	6.426	83	164042	5.027	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	180427	5.067	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	699023	50.056	ug/L	100
42) Toluene	7.310	91	548897	5.209	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	152291	5.257	ug/L	100

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45) 1,1,2-Trichloroethane	7.763	97	96568	5.162	ug/L	100
47) Tetrachloroethene	7.899	164	104642	4.937	ug/L	100
48) 2-Hexanone	8.072	43	507167	49.281	ug/L	100
49) Dibromochloromethane	8.169	129	106696	5.399	ug/L	100
50) 1,2-Dibromoethane	8.278	107	92083	5.200	ug/L	100
51) Chlorobenzene	8.808	112	365966	5.272	ug/L	100
52) Ethylbenzene	8.940	91	589359	5.188	ug/L	100
53) m,p-Xylene	9.066	106	226036	5.366	ug/L	100
54) o-Xylene	9.471	106	214583	5.286	ug/L	100
55) Styrene	9.490	104	390136	5.686	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	115271	5.044	ug/L	100
59) Bromoform	9.661	173	56774	5.284	ug/L	100
60) Isopropylbenzene	9.860	105	580483	5.133	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	79325	4.560	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	459146	5.032	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	463988	5.154	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	293570	5.125	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	300232	5.001	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	269616	5.076	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	17388	4.980	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	206984	4.826	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	171376	4.745	ug/L	100
71) Naphthalene	13.435	128	282100	5.245	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	151645	4.766	ug/L	100

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

