

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037871.D
 Acq On : 16 Oct 2024 10:38
 Operator : SY/MD
 Sample : VSTD00175
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001275

Quant Time: Oct 17 01:56:32 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	298622	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	313736	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	172950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	208753	8.015	ug/L	0.00
7) Chloroethane-d5	1.529	69	183292	8.804	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	96276	8.520	ug/L	0.00
20) 2-Butanone-d5	3.805	46	503522	107.903	ug/L	0.00
24) Chloroform-d	4.239	84	448608	10.409	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	205166	10.074	ug/L	0.00
32) Benzene-d6	4.950	84	859385	9.883	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	260174	9.690	ug/L	0.00
41) Toluene-d8	7.233	98	812069	10.380	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	99746	10.348	ug/L	0.00
46) 2-Hexanone-d5	8.017	63	455010	111.608	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	208222	9.925	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	290713	9.570	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	305793	10.824	ug/L	99
3) Chloromethane	1.214	50	295524	9.195	ug/L	99
5) Vinyl chloride	1.281	62	305332	9.637	ug/L	98
6) Bromomethane	1.487	94	183913	9.959	ug/L	99
8) Chloroethane	1.548	64	185058	9.501	ug/L	99
9) Trichlorofluoromethane	1.709	101	403290	10.504	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	235539	10.101	ug/L	98
12) 1,1-Dichloroethene	2.063	96	227369	10.111	ug/L	93
13) Acetone	2.153	43	354665	107.015	ug/L	99
14) Carbon disulfide	2.233	76	773544	10.799	ug/L	99
15) Methyl Acetate	2.387	43	85026	9.912	ug/L	93
16) Methylene chloride	2.442	84	259737	9.200	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	548597	10.752	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	248543	10.675	ug/L	96
19) 1,1-Dichloroethane	3.104	63	450347	9.867	ug/L	98
21) 2-Butanone	3.886	43	555815	104.792	ug/L	98
22) cis-1,2-Dichloroethene	3.805	96	264723	11.016	ug/L	98
23) Bromochloromethane	4.140	128	122738	11.260	ug/L	98
25) Chloroform	4.265	83	479996	10.647	ug/L	99
27) 1,2-Dichloroethane	5.034	62	264345	10.055	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	411064	10.519	ug/L	98
30) Cyclohexane	4.574	56	356768	9.811	ug/L	98
31) Carbon tetrachloride	4.725	117	356067	10.587	ug/L	99
33) Benzene	5.002	78	1012695	10.397	ug/L	100
34) Trichloroethene	5.825	95	268079	10.449	ug/L	98
35) Methylcyclohexane	6.040	83	400413	10.532	ug/L	98
37) 1,2-Dichloropropane	6.085	63	251579	9.949	ug/L	100
38) Bromodichloromethane	6.426	83	325892	10.429	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	382794	11.226	ug/L	100
40) 4-Methyl-2-pentanone	7.149	43	1401180	104.771	ug/L	99
42) Toluene	7.307	91	1099019	10.891	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	314747	11.345	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	189331	10.567	ug/L	98
47) Tetrachloroethene	7.895	164	206991	10.197	ug/L	99
48) 2-Hexanone	8.069	43	1007192	102.194	ug/L	99
49) Dibromochloromethane	8.169	129	215340	11.377	ug/L	94
50) 1,2-Dibromoethane	8.275	107	179280	10.572	ug/L	96
51) Chlorobenzene	8.805	112	706967	10.635	ug/L	99
52) Ethylbenzene	8.937	91	1197546	11.007	ug/L	100
53) m,p-Xylene	9.066	106	463058	11.478	ug/L	97
54) o-Xylene	9.471	106	441537	11.357	ug/L	97
55) Styrene	9.487	104	787946	11.991	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	226658	10.357	ug/L	100
59) Bromoform	9.657	173	116912	11.192	ug/L	96
60) Isopropylbenzene	9.860	105	1195018	10.869	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	150615	8.905	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	963186	10.857	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	980424	11.202	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	579266	10.401	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	585234	10.027	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	532143	10.304	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	32875	9.684	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	409449	9.819	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	337029	9.598	ug/L	98
71) Naphthalene	13.432	128	498068	9.524	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	298189	9.639	ug/L	99

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

