

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037870.D
 Acq On : 16 Oct 2024 10:14
 Operator : SY/MD
 Sample : VSTD0.574
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5274

Quant Time: Oct 17 01:55:55 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	279685	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	294145	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	157734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	107591	4.411	ug/L	0.00
7) Chloroethane-d5	1.529	69	95812	4.913	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	48954	4.626	ug/L	0.00
20) 2-Butanone-d5	3.806	46	216662	49.574	ug/L	0.00
24) Chloroform-d	4.240	84	225350	5.583	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	102959	5.398	ug/L	0.00
32) Benzene-d6	4.950	84	429172	5.264	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	124583	4.949	ug/L	0.00
41) Toluene-d8	7.233	98	405066	5.522	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	45995	5.089	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	190077	49.729	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	99556	5.061	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.555	152	141043	5.091	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	143579	5.426	ug/L	100
3) Chloromethane	1.214	50	136916	4.549	ug/L	99
5) Vinyl chloride	1.282	62	137668	4.639	ug/L	98
6) Bromomethane	1.487	94	82623	4.777	ug/L	99
8) Chloroethane	1.548	64	85069	4.663	ug/L	95
9) Trichlorofluoromethane	1.709	101	192399	5.351	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	113226	5.185	ug/L	99
12) 1,1-Dichloroethene	2.063	96	104489	4.961	ug/L	89
13) Acetone	2.137	43	150687	48.546	ug/L	97
14) Carbon disulfide	2.233	76	350567	5.225	ug/L	100
15) Methyl Acetate	2.384	43	32761	4.078	ug/L	94
16) Methylene chloride	2.442	84	114573	4.333	ug/L	98
17) Methyl tert-butyl Ether	2.700	73	218874	4.580	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	107943	4.950	ug/L	95
19) 1,1-Dichloroethane	3.105	63	200682	4.695	ug/L	98
21) 2-Butanone	3.886	43	214375	43.154	ug/L	96
22) cis-1,2-Dichloroethene	3.806	96	109960	4.885	ug/L	99
23) Bromochloromethane	4.140	128	52267	5.120	ug/L	97
25) Chloroform	4.265	83	211158	5.001	ug/L	100
27) 1,2-Dichloroethane	5.037	62	113222	4.598	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	181642	4.958	ug/L	98
30) Cyclohexane	4.571	56	147665	4.331	ug/L	99
31) Carbon tetrachloride	4.725	117	159492	5.058	ug/L	100
33) Benzene	5.002	78	441042	4.830	ug/L	100
34) Trichloroethene	5.825	95	116254	4.833	ug/L	95
35) Methylcyclohexane	6.040	83	167981	4.713	ug/L	99
37) 1,2-Dichloropropane	6.085	63	107161	4.520	ug/L	99
38) Bromodichloromethane	6.426	83	143004	4.881	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	149535	4.677	ug/L	100
40) 4-Methyl-2-pentanone	7.150	43	547976	43.703	ug/L	97
42) Toluene	7.307	91	478849	5.061	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	127305	4.894	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	81444	4.848	ug/L	98
47) Tetrachloroethene	7.899	164	90586	4.760	ug/L	99
48) 2-Hexanone	8.069	43	391870	42.409	ug/L	99
49) Dibromochloromethane	8.169	129	91374	5.149	ug/L	99
50) 1,2-Dibromoethane	8.278	107	77839	4.896	ug/L	95
51) Chlorobenzene	8.809	112	307026	4.926	ug/L	98
52) Ethylbenzene	8.937	91	494049	4.843	ug/L	99
53) m,p-Xylene	9.066	106	195329	5.164	ug/L	96
54) o-Xylene	9.471	106	176114	4.832	ug/L	97
55) Styrene	9.490	104	313796	5.093	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	95488	4.654	ug/L	97
59) Bromoform	9.661	173	49980	5.246	ug/L	97
60) Isopropylbenzene	9.860	105	483448	4.821	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	62870	4.076	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	369322	4.565	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	370833	4.646	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	247019	4.863	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	247419	4.648	ug/L	98
67) 1,2-Dichlorobenzene	11.571	146	224233	4.761	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.362	75	12408	4.008	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	167950	4.416	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	125844	3.930	ug/L	98
71) Naphthalene	13.435	128	146093	3.063	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	107888	3.824	ug/L	98

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

