

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051524\
 Data File : VW035603.D
 Acq On : 14 May 2024 11:00
 Operator : SY/MD
 Sample : VSTD01061
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010261

Quant Time: May 15 02:03:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:01:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	239397	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	247602	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	138399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	154186	7.427	ug/L	0.00
7) Chloroethane-d5	1.532	69	139261	8.414	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	68326	7.666	ug/L	0.00
20) 2-Butanone-d5	3.806	46	421606	115.240	ug/L	-0.03
24) Chloroform-d	4.246	84	341663	10.021	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	159816	9.917	ug/L	0.00
32) Benzene-d6	4.957	84	634426	9.496	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	197213	9.428	ug/L	0.00
41) Toluene-d8	7.240	98	587686	9.816	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	74711	10.051	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	370189	117.871	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	159670	9.852	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	222353	9.407	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	192126	8.834	ug/L	99
3) Chloromethane	1.214	50	206592	8.140	ug/L	100
5) Vinyl chloride	1.282	62	217941	8.709	ug/L	98
6) Bromomethane	1.487	94	143749	9.737	ug/L	98
8) Chloroethane	1.548	64	139060	8.992	ug/L	99
9) Trichlorofluoromethane	1.712	101	282134	9.403	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	177676	9.583	ug/L	99
12) 1,1-Dichloroethene	2.066	96	166117	9.362	ug/L	97
13) Acetone	2.143	43	308425	119.093	ug/L	99
14) Carbon disulfide	2.237	76	480478	8.730	ug/L	100
15) Methyl Acetate	2.384	43	67484	10.139	ug/L	100
16) Methylene chloride	2.446	84	199964	8.935	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	423525	10.445	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	180097	9.881	ug/L	97
19) 1,1-Dichloroethane	3.108	63	353269	9.668	ug/L	99
21) 2-Butanone	3.886	43	442339	107.761	ug/L	89
22) cis-1,2-Dichloroethene	3.812	96	198912	10.562	ug/L	99
23) Bromochloromethane	4.146	128	92590	10.667	ug/L	94
25) Chloroform	4.272	83	369797	10.244	ug/L	97
27) 1,2-Dichloroethane	5.037	62	211403	10.062	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	309343	10.126	ug/L	98
30) Cyclohexane	4.580	56	249053	9.025	ug/L	98
31) Carbon tetrachloride	4.732	117	269548	10.270	ug/L	99
33) Benzene	5.005	78	760628	10.084	ug/L	100
34) Trichloroethene	5.831	95	204700	10.234	ug/L	98
35) Methylcyclohexane	6.047	83	287204	9.884	ug/L	98
37) 1,2-Dichloropropane	6.088	63	205470	10.333	ug/L	99
38) Bromodichloromethane	6.429	83	257614	10.487	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	286750	10.930	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	1047465	101.602	ug/L	99
42) Toluene	7.313	91	824865	10.534	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	242241	11.240	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	150538	10.641	ug/L	98
47) Tetrachloroethene	7.902	164	162117	10.189	ug/L	99
48) 2-Hexanone	8.072	43	782987	102.558	ug/L	98
49) Dibromochloromethane	8.172	129	172627	11.600	ug/L	99
50) 1,2-Dibromoethane	8.281	107	142007	10.689	ug/L	99
51) Chlorobenzene	8.812	112	529934	10.329	ug/L	99
52) Ethylbenzene	8.944	91	874932	10.545	ug/L	99
53) m,p-Xylene	9.069	106	339955	11.010	ug/L	99
54) o-Xylene	9.474	106	325396	10.935	ug/L	97
55) Styrene	9.493	104	597849	11.885	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	163189	9.662	ug/L	99
59) Bromoform	9.664	173	99627	11.769	ug/L	98
60) Isopropylbenzene	9.863	105	883843	10.322	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	126182	9.294	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	719837	10.506	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	727767	10.732	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	446789	10.175	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	451752	9.836	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	419991	10.281	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.362	75	29321	10.854	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	344632	10.432	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	278655	10.115	ug/L	99
71) Naphthalene	13.435	128	426858	10.705	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	267302	10.866	ug/L	99

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

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