

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071323\
 Data File : VW031695.D
 Acq On : 13 Jul 2023 14:21
 Operator : SY/MD
 Sample : VSTD01063
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010263

Quant Time: Jul 14 05:41:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 14 05:39:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	211879	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	221972	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	124703	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	170035	9.062	ug/L	0.00
7) Chloroethane-d5	1.532	69	162045	9.527	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	76836	7.979	ug/L	0.00
20) 2-Butanone-d5	3.818	46	525835	109.693	ug/L	0.00
24) Chloroform-d	4.255	84	394848	9.878	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	198480	9.721	ug/L	0.00
32) Benzene-d6	4.966	84	683901	10.792	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	230175	9.801	ug/L	0.00
41) Toluene-d8	7.249	98	645040	11.083	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	80943	10.912	ug/L	0.00
46) 2-Hexanone-d5	8.033	63	414497	120.315	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	181524	10.534	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	214069	9.857	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	212883	9.251	ug/L	99
3) Chloromethane	1.220	50	217993	9.143	ug/L	99
5) Vinyl chloride	1.281	62	205628	9.027	ug/L #	32
6) Bromomethane	1.487	94	124096	8.911	ug/L	96
8) Chloroethane	1.551	64	123594	9.351	ug/L	100
9) Trichlorofluoromethane	1.715	101	307375	9.351	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	154629	8.553	ug/L	95
12) 1,1-Dichloroethene	2.069	96	141380	8.553	ug/L	88
13) Acetone	2.149	43	262796	87.396	ug/L	100
14) Carbon disulfide	2.240	76	480960	9.372	ug/L	99
15) Methyl Acetate	2.387	43	67101	10.285	ug/L	97
16) Methylene chloride	2.449	84	174135	7.927	ug/L	92
17) Methyl tert-butyl Ether	2.712	73	312052	10.272	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	138217	9.670	ug/L	99
19) 1,1-Dichloroethane	3.114	63	300490	9.614	ug/L	96
21) 2-Butanone	3.895	43	427220	107.619	ug/L	87
22) cis-1,2-Dichloroethene	3.818	96	144194	10.204	ug/L	99
23) Bromochloromethane	4.156	128	68643	9.647	ug/L	96
25) Chloroform	4.281	83	300025	9.760	ug/L	97
27) 1,2-Dichloroethane	5.050	62	186328	9.638	ug/L	97
29) 1,1,1-Trichloroethane	4.519	97	256766	9.578	ug/L	98
30) Cyclohexane	4.590	56	207000	10.618	ug/L #	91
31) Carbon tetrachloride	4.741	117	228049	9.641	ug/L	98
33) Benzene	5.014	78	607821	10.780	ug/L	100
34) Trichloroethene	5.841	95	157365	9.837	ug/L	96
35) Methylcyclohexane	6.056	83	204024	10.199	ug/L	96
37) 1,2-Dichloropropane	6.098	63	171397	10.590	ug/L #	94
38) Bromodichloromethane	6.439	83	214602	9.987	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	214135	10.990	ug/L	96
40) 4-Methyl-2-pentanone	7.165	43	1024567	118.432	ug/L	99
42) Toluene	7.320	91	623148	11.567	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	188228	10.710	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	113738	9.459	ug/L	95
47) Tetrachloroethene	7.911	164	110748	10.028	ug/L	96
48) 2-Hexanone	8.082	43	729531	112.335	ug/L	98
49) Dibromochloromethane	8.181	129	139620	10.809	ug/L	98
50) 1,2-Dibromoethane	8.287	107	110104	9.792	ug/L	94
51) Chlorobenzene	8.818	112	365348	10.173	ug/L	97
52) Ethylbenzene	8.953	91	618628	11.458	ug/L	98
53) m,p-Xylene	9.078	106	230571	11.555	ug/L	99
54) o-Xylene	9.487	106	213030	11.509	ug/L	96
55) Styrene	9.503	104	414047	11.855	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	130319	10.240	ug/L	93
59) Bromoform	9.670	173	79090	9.500	ug/L	96
60) Isopropylbenzene	9.873	105	581787	10.532	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	106825	9.638	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	470255	10.551	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	483709	10.874	ug/L	98
64) 1,3-Dichlorobenzene	11.123	146	301591	10.131	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	310029	9.839	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	284953	9.988	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	23443	10.292	ug/L	86
69) 1,3,5-Trichlorobenzene	12.590	180	200575	9.212	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	162706	9.431	ug/L	98
71) Naphthalene	13.445	128	275456	9.897	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	160332	10.064	ug/L	98

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

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