

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071323\
 Data File : VW031696.D
 Acq On : 13 Jul 2023 14:44
 Operator : SY/MD
 Sample : VSTD02064
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020264

Quant Time: Jul 14 05:42:22 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	227113	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	234949	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	133891	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	354005	17.600	ug/L	0.00
7) Chloroethane-d5	1.529	69	279545	15.333	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.057	65	178525	17.295	ug/L	0.00
20) 2-Butanone-d5	3.793	46	1138264	221.523	ug/L	-0.03
24) Chloroform-d	4.256	84	807572	18.849	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	407919	18.639	ug/L	0.00
32) Benzene-d6	4.963	84	1441980	21.498	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	495284	19.924	ug/L	0.00
41) Toluene-d8	7.249	98	1370355	22.246	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	186433	23.744	ug/L	0.00
46) 2-Hexanone-d5	8.031	63	1002562	274.937	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	390173	21.391	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	473699	20.315	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	432929	17.551	ug/L	99
3) Chloromethane	1.221	50	455670	17.830	ug/L	98
5) Vinyl chloride	1.282	62	435407	17.831	ug/L #	31
6) Bromomethane	1.484	94	255612	17.124	ug/L	96
8) Chloroethane	1.545	64	232171	16.387	ug/L	99
9) Trichlorofluoromethane	1.709	101	607179	17.233	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	348387	17.977	ug/L	98
12) 1,1-Dichloroethene	2.069	96	310392	17.517	ug/L	87
13) Acetone	2.124	43	540699	167.754	ug/L	96
14) Carbon disulfide	2.240	76	987102	17.944	ug/L	100
15) Methyl Acetate	2.378	43	140872	20.143	ug/L	98
16) Methylene chloride	2.449	84	333775	14.176	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	706814	21.706	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	292086	19.064	ug/L	99
19) 1,1-Dichloroethane	3.114	63	619636	18.495	ug/L	98
21) 2-Butanone	3.873	43	910830	214.053	ug/L	86
22) cis-1,2-Dichloroethene	3.819	96	339193	22.394	ug/L	95
23) Bromochloromethane	4.153	128	144346	18.926	ug/L	97
25) Chloroform	4.282	83	631198	19.156	ug/L	98
27) 1,2-Dichloroethane	5.047	62	395980	19.108	ug/L	99
29) 1,1,1-Trichloroethane	4.519	97	536496	18.908	ug/L	98
30) Cyclohexane	4.587	56	500792	24.270	ug/L	99
31) Carbon tetrachloride	4.741	117	465676	18.599	ug/L	99
33) Benzene	5.015	78	1284446	21.523	ug/L	100
34) Trichloroethene	5.838	95	334527	19.757	ug/L	96
35) Methylcyclohexane	6.056	83	504234	23.813	ug/L	93
37) 1,2-Dichloropropane	6.098	63	355147	20.732	ug/L #	93
38) Bromodichloromethane	6.439	83	449798	19.775	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	513739	24.909	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	2244145	245.078	ug/L	97
42) Toluene	7.320	91	1365527	23.947	ug/L	96
44) trans-1,3-Dichloropropene	7.587	75	441091	23.711	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	247700	19.461	ug/L	96
47) Tetrachloroethene	7.912	164	238509	20.403	ug/L	97
48) 2-Hexanone	8.082	43	1617865	235.362	ug/L	96
49) Dibromochloromethane	8.185	129	285203	20.861	ug/L	95
50) 1,2-Dibromoethane	8.288	107	235795	19.811	ug/L	99
51) Chlorobenzene	8.818	112	801260	21.078	ug/L	97
52) Ethylbenzene	8.953	91	1466873	25.669	ug/L	98
53) m,p-Xylene	9.079	106	548116	25.951	ug/L	99
54) o-Xylene	9.484	106	506480	25.851	ug/L	94
55) Styrene	9.500	104	961463	26.008	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	282410	20.965	ug/L	95
59) Bromoform	9.670	173	163736	18.318	ug/L	98
60) Isopropylbenzene	9.873	105	1404977	23.689	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	222095	18.662	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	1179616	24.651	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	1187387	24.862	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	661348	20.691	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	685724	20.269	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	628011	20.501	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	51891	21.219	ug/L	92
69) 1,3,5-Trichlorobenzene	12.590	180	473953	20.274	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	396240	21.391	ug/L	99
71) Naphthalene	13.445	128	735748	24.621	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	381265	22.289	ug/L	99

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

