

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060123\
 Data File : VW031319.D
 Acq On : 01 Jun 2023 15:38
 Operator : SY/MD
 Sample : VSTD02057
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02057

Quant Time: Jun 02 02:06:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:03:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	149053	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	152860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	86586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	299394	22.927	ug/L	0.00
7) Chloroethane-d5	1.532	69	253494	19.045	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	149634	22.470	ug/L	0.00
20) 2-Butanone-d5	3.828	46	801067	195.915	ug/L	0.00
24) Chloroform-d	4.256	84	538081	18.532	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	278439	18.050	ug/L	0.00
32) Benzene-d6	4.966	84	1021523	19.267	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	337484	18.180	ug/L	0.00
41) Toluene-d8	7.249	98	984575	20.595	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	132829	21.235	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	623567	217.198	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	257208	17.967	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	326510	18.777	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	375749	16.061	ug/L	99
3) Chloromethane	1.214	50	363864	16.305	ug/L	99
5) Vinyl chloride	1.281	62	378166	16.883	ug/L	98
6) Bromomethane	1.487	94	211513	16.905	ug/L	97
8) Chloroethane	1.548	64	226179	16.113	ug/L	99
9) Trichlorofluoromethane	1.716	101	548617	16.374	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	305996	16.310	ug/L	99
12) 1,1-Dichloroethene	2.069	96	265558	16.765	ug/L	92
13) Acetone	2.162	43	666047	181.053	ug/L	87
14) Carbon disulfide	2.240	76	815907	17.153	ug/L	100
15) Methyl Acetate	2.391	43	171733	25.799	ug/L #	89
16) Methylene chloride	2.449	84	281280	13.135	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	672190	19.572	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	252043	16.822	ug/L	97
19) 1,1-Dichloroethane	3.114	63	559382	16.862	ug/L	100
21) 2-Butanone	3.902	43	967610	206.854	ug/L	88
22) cis-1,2-Dichloroethene	3.822	96	278887	17.864	ug/L	99
23) Bromochloromethane	4.153	128	122187	17.394	ug/L	99
25) Chloroform	4.281	83	559061	16.050	ug/L	98
27) 1,2-Dichloroethane	5.050	62	344238	17.866	ug/L	99
29) 1,1,1-Trichloroethane	4.519	97	482288	16.334	ug/L	99
30) Cyclohexane	4.590	56	528893	19.265	ug/L	100
31) Carbon tetrachloride	4.741	117	426185	16.140	ug/L	100
33) Benzene	5.014	78	1122504	17.482	ug/L	100
34) Trichloroethene	5.838	95	295189	16.765	ug/L	96
35) Methylcyclohexane	6.056	83	478007	18.379	ug/L	98
37) 1,2-Dichloropropane	6.098	63	337966	19.605	ug/L #	97
38) Bromodichloromethane	6.439	83	400102	17.154	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	480350	20.438	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	2151057	207.963	ug/L	98
42) Toluene	7.320	91	1227963	18.337	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	403787	20.701	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	210257	17.411	ug/L	99
47) Tetrachloroethene	7.911	164	221981	16.559	ug/L	95
48) 2-Hexanone	8.085	43	1603280	204.257	ug/L	98
49) Dibromochloromethane	8.185	129	247778	18.124	ug/L	98
50) 1,2-Dibromoethane	8.288	107	201933	17.425	ug/L	94
51) Chlorobenzene	8.821	112	730747	17.772	ug/L	98
52) Ethylbenzene	8.953	91	1396960	19.872	ug/L	99
53) m,p-Xylene	9.079	106	501448	19.832	ug/L	99
54) o-Xylene	9.484	106	481035	20.223	ug/L	97
55) Styrene	9.503	104	857136	20.391	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	257451	17.879	ug/L	99
59) Bromoform	9.673	173	141536	17.692	ug/L	99
60) Isopropylbenzene	9.873	105	1368900	19.294	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	191704	17.217	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	1164121	20.182	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	1202957	20.355	ug/L	98
64) 1,3-Dichlorobenzene	11.123	146	605948	17.679	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	613215	17.748	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	563315	17.763	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	46333	18.168	ug/L	97
69) 1,3,5-Trichlorobenzene	12.590	180	464696	18.375	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	386795	20.648	ug/L	99
71) Naphthalene	13.445	128	626306	23.836	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	345882	19.987	ug/L	99

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

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