

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029301.D
 Acq On : 23 Nov 2022 17:48
 Operator : SY/MD
 Sample : VSTD02014
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020214

Quant Time: Nov 24 01:09:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:07:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	288030	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	242556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	130866	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	392529	22.145	ug/L	0.00
7) Chloroethane-d5	1.564	69	282894	21.802	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	626352	22.082	ug/L	0.00
20) 2-Butanone-d5	3.889	46	669646	226.314	ug/L	-0.01
24) Chloroform-d	4.339	84	680790	21.518	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	303609	21.810	ug/L	0.00
32) Benzene-d6	5.040	84	1474441	21.995	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	410847	21.811	ug/L	0.00
41) Toluene-d8	7.307	98	1392946	22.015	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	167351	23.043	ug/L	0.00
46) 2-Hexanone-d5	8.082	63	554779	214.303	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	243002	20.906	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	488770	21.379	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	439945	20.471	ug/L	100
3) Chloromethane	1.240	50	384974	19.551	ug/L	100
5) Vinyl chloride	1.307	62	419458	21.378	ug/L	99
6) Bromomethane	1.519	94	259508	21.195	ug/L	99
8) Chloroethane	1.584	64	246601	21.146	ug/L	98
9) Trichlorofluoromethane	1.751	101	585912	21.333	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	325877	21.280	ug/L	99
12) 1,1-Dichloroethene	2.114	96	316555	21.374	ug/L	99
13) Acetone	2.188	43	382310	177.409	ug/L	98
14) Carbon disulfide	2.288	76	932998	21.681	ug/L	100
15) Methyl Acetate	2.432	43	107871	17.242	ug/L	92
16) Methylene chloride	2.500	84	366843	16.211	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	795917	21.019	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	370366	21.789	ug/L	99
19) 1,1-Dichloroethane	3.182	63	650236	21.255	ug/L	98
21) 2-Butanone	3.973	43	731848	216.334	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	404424	20.801	ug/L	98
23) Bromochloromethane	4.239	128	168028	21.576	ug/L	97
25) Chloroform	4.365	83	664975	20.818	ug/L	100
27) 1,2-Dichloroethane	5.120	62	361923	20.913	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	598183	21.441	ug/L	99
30) Cyclohexane	4.667	56	592571	21.489	ug/L	100
31) Carbon tetrachloride	4.818	117	512651	21.728	ug/L	98
33) Benzene	5.092	78	1507662	20.782	ug/L	100
34) Trichloroethene	5.905	95	395117	21.350	ug/L	98
35) Methylcyclohexane	6.124	83	673863	21.571	ug/L	99
37) 1,2-Dichloropropane	6.165	63	361628	21.161	ug/L	99
38) Bromodichloromethane	6.500	83	446314	21.816	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	545510	21.837	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	1668459	208.642	ug/L	98
42) Toluene	7.378	91	1626534	20.891	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	432350	21.849	ug/L	99

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45) 1,1,2-Trichloroethane	7.831	97	244315	21.116	ug/L	98
47) Tetrachloroethene	7.966	164	320515	21.128	ug/L	98
48) 2-Hexanone	8.133	43	1111909	198.238	ug/L	98
49) Dibromochloromethane	8.236	129	280041	21.517	ug/L	100
50) 1,2-Dibromoethane	8.342	107	206879	20.492	ug/L	97
51) Chlorobenzene	8.873	112	1002752	20.605	ug/L	98
52) Ethylbenzene	9.005	91	1691385	20.836	ug/L	99
53) m,p-Xylene	9.130	106	669137	20.898	ug/L	97
54) o-Xylene	9.535	106	659751	20.976	ug/L	98
55) Styrene	9.551	104	1124386	21.179	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	239503	20.006	ug/L	98
59) Bromoform	9.722	173	150550	21.898	ug/L	99
60) Isopropylbenzene	9.921	105	1745679	20.632	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	177401	19.546	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	1537370	20.985	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	1548277	21.011	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	834483	21.141	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	816218	20.901	ug/L	100
67) 1,2-Dichlorobenzene	11.631	146	757935	20.841	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	37676	21.137	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	699762	21.517	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	566608	21.501	ug/L	100
71) Naphthalene	13.493	128	462493	20.273	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	462260	21.548	ug/L	99

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

