

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029260.D
 Acq On : 21 Nov 2022 06:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

Quant Time: Nov 21 06:34:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 03:37:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	478756	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	421224	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	213837	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	155792	5.338	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	106.800%	
7) Chloroethane-d5	1.564	69	123056	4.796	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.105	63	252490	4.747	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.000%	
20) 2-Butanone-d5	3.899	46	303702	62.160	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.320%	
24) Chloroform-d	4.339	84	267500	4.464	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	5.027	65	114400	4.243	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
32) Benzene-d6	5.040	84	565066	4.494	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
36) 1,2-Dichloropropane-d6	6.059	67	169797	4.836	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.307	98	512915	4.532	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	7.616	79	57510	5.022	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.400%	
46) 2-Hexanone-d5	8.082	63	281053	57.503	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	115.000%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	116384	4.781	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	11.615	152	180814	4.726	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	173072	4.337	ug/L	97
3) Chloromethane	1.236	50	199301	6.017	ug/L	98
5) Vinyl chloride	1.307	62	186672	4.941	ug/L	99
6) Bromomethane	1.519	94	65125	2.884	ug/L	96
8) Chloroethane	1.584	64	110823	4.992	ug/L	96
9) Trichlorofluoromethane	1.751	101	228435	4.484	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	132765	4.603	ug/L	100
12) 1,1-Dichloroethene	2.114	96	139338	4.808	ug/L	96
13) Acetone	2.201	43	160674	51.123	ug/L	84
14) Carbon disulfide	2.291	76	463315	4.502	ug/L	100
15) Methyl Acetate	2.436	43	56521	7.410	ug/L	90
16) Methylene chloride	2.500	84	170073	4.538	ug/L	99
17) Methyl tert-butyl Ether	2.760	73	343506	5.528	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	157987	4.700	ug/L	98
19) 1,1-Dichloroethane	3.182	63	285752	5.200	ug/L	99
21) 2-Butanone	3.986	43	314168	64.565	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	177490	5.194	ug/L	96
23) Bromochloromethane	4.240	128	69359	4.799	ug/L	85
25) Chloroform	4.365	83	280670	4.872	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	146206	4.928	ug/L	100
29) 1,1,1-Trichloroethane	4.596	97	235571	4.766	ug/L	99
30) Cyclohexane	4.670	56	267023	5.315	ug/L	94
31) Carbon tetrachloride	4.818	117	185315	4.354	ug/L	100
33) Benzene	5.092	78	662730	5.149	ug/L	100
34) Trichloroethene	5.908	95	165993	5.037	ug/L	96
35) Methylcyclohexane	6.124	83	271309	4.685	ug/L	97
37) 1,2-Dichloropropane	6.165	63	157627	5.310	ug/L	99
38) Bromodichloromethane	6.503	83	183356	4.878	ug/L	97
39) cis-1,3-Dichloropropene	7.018	75	210200	5.072	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	763337	59.772	ug/L	99
42) Toluene	7.381	91	701798	5.047	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	165525	5.145	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	105146	5.411	ug/L	98
47) Tetrachloroethene	7.969	164	125563	4.759	ug/L	98
48) 2-Hexanone	8.133	43	527317	58.945	ug/L	99
49) Dibromochloromethane	8.239	129	112414	4.785	ug/L	97
50) 1,2-Dibromoethane	8.345	107	93328	5.170	ug/L	100
51) Chlorobenzene	8.873	112	439896	5.116	ug/L	97
52) Ethylbenzene	9.005	91	756264	5.224	ug/L	100
53) m,p-Xylene	9.130	106	290407	5.044	ug/L	99
54) o-Xylene	9.535	106	289275	5.285	ug/L	97
55) Styrene	9.551	104	484328	5.276	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	121839	5.380	ug/L	100
59) Bromoform	9.722	173	57525	4.935	ug/L	99
60) Isopropylbenzene	9.921	105	766431	5.522	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	83803	5.735	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	652154	5.546	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	654535	5.557	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	341555	5.237	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	331869	5.062	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	313243	5.346	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.416	75	17409	6.055	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.635	180	270795	5.382	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	221189	5.812	ug/L	97
71) Naphthalene	13.490	128	468008	9.531	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	185900	5.768	ug/L	98

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

