

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030123\
 Data File : VW030110.D
 Acq On : 01 Mar 2023 15:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005289

Quant Time: Mar 02 00:30:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 02 00:27:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	152532	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	149622	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	88711	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	49673	5.033	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.600%
7) Chloroethane-d5	1.539	69	50410	5.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.066	63	109136	5.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.600%
20) 2-Butanone-d5	3.831	46	112100	61.605	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.220%
24) Chloroform-d	4.262	84	113325	5.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
26) 1,2-Dichloroethane-d4	4.953	65	47945	5.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.600%
32) Benzene-d6	4.969	84	210158	5.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	5.998	67	65500	5.408	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%
41) Toluene-d8	7.252	98	198958	5.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
43) trans-1,3-Dichloroprop...	7.561	79	21462	5.179	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.037	63	100182	58.437	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.880%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	52029	6.038	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.800%#
66) 1,2-Dichlorobenzene-d4	11.570	152	77062	5.134	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	68285	5.502	ug/L	99
3) Chloromethane	1.217	50	101689	5.200	ug/L	99
5) Vinyl chloride	1.285	62	73109	5.625	ug/L	99
6) Bromomethane	1.494	94	13754	5.896	ug/L	91
8) Chloroethane	1.555	64	44081	5.567	ug/L	99
9) Trichlorofluoromethane	1.719	101	103869	5.570	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	64440	5.572	ug/L	100
12) 1,1-Dichloroethene	2.076	96	58179	5.684	ug/L	99
13) Acetone	2.153	43	70808	52.648	ug/L #	53
14) Carbon disulfide	2.246	76	149229	5.448	ug/L	98
15) Methyl Acetate	2.391	43	16255	5.175	ug/L	92
16) Methylene chloride	2.455	84	58286	4.661	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	112033	5.597	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	54730	5.620	ug/L	98
19) 1,1-Dichloroethane	3.121	63	104622	5.767	ug/L	97
21) 2-Butanone	3.908	43	99616	55.074	ug/L	100
22) cis-1,2-Dichloroethene	3.825	96	58067	5.395	ug/L	96
23) Bromochloromethane	4.162	128	26900	5.849	ug/L	95
25) Chloroform	4.288	83	109715	5.814	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	57999	5.876	ug/L	99
29) 1,1,1-Trichloroethane	4.526	97	95614	5.440	ug/L	99
30) Cyclohexane	4.593	56	75964	5.002	ug/L	98
31) Carbon tetrachloride	4.748	117	85858	5.435	ug/L	100
33) Benzene	5.021	78	222036	5.434	ug/L	100
34) Trichloroethene	5.841	95	60207	5.258	ug/L	98
35) Methylcyclohexane	6.059	83	86082	4.968	ug/L	97
37) 1,2-Dichloropropane	6.101	63	58392	5.617	ug/L	100
38) Bromodichloromethane	6.442	83	75551	5.693	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	80154	5.267	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	248616	57.956	ug/L	100
42) Toluene	7.323	91	244791	5.531	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	64724	5.448	ug/L	97
45) 1,1,2-Trichloroethane	7.780	97	42034	5.651	ug/L	97
47) Tetrachloroethene	7.915	164	52637	5.356	ug/L	98
48) 2-Hexanone	8.085	43	175799	57.244	ug/L	99
49) Dibromochloromethane	8.185	129	49718	5.712	ug/L	97
50) 1,2-Dibromoethane	8.291	107	38243	5.510	ug/L	96
51) Chlorobenzene	8.821	112	158358	5.306	ug/L	99
52) Ethylbenzene	8.953	91	257387	5.344	ug/L	98
53) m,p-Xylene	9.082	106	98523	5.322	ug/L	96
54) o-Xylene	9.487	106	93125	5.267	ug/L	99
55) Styrene	9.503	104	165717	5.636	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.188	83	48895	5.876	ug/L	99
59) Bromoform	9.673	173	29394	5.528	ug/L	99
60) Isopropylbenzene	9.876	105	261919	5.131	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	32560	5.484	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	209204	4.990	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	218727	5.100	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	138390	5.207	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	139407	5.199	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	123682	5.270	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	6893	5.198	ug/L	96
69) 1,3,5-Trichlorobenzene	12.593	180	106897	4.893	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	85579	4.835	ug/L	99
71) Naphthalene	13.448	128	112265	4.854	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	73867	5.070	ug/L	100

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

