

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102323\
 Data File : VW032583.D
 Acq On : 23 Oct 2023 20:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005296

Quant Time: Oct 24 04:49:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	92892	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	108513	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	31276	4.140	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.532	69	31633	5.158	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.056	65	13284	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.822	46	105901	55.413	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.820%
24) Chloroform-d	4.253	84	67552	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	4.947	65	35481	5.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	4.963	84	121237	3.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	5.992	67	40466	3.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.600%
41) Toluene-d8	7.246	98	118551	4.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.558	79	16702	4.455	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.031	63	99860	56.616	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.240%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	41692	5.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	45910	4.365	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	49555	4.787	ug/L	99
3) Chloromethane	1.214	50	52454	5.027	ug/L	99
5) Vinyl chloride	1.282	62	51415	5.166	ug/L	99
6) Bromomethane	1.487	94	31557	5.249	ug/L	95
8) Chloroethane	1.548	64	33040	5.514	ug/L	99
9) Trichlorofluoromethane	1.712	101	66093	5.537	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	37845	5.233	ug/L	99
12) 1,1-Dichloroethene	2.069	96	35728	5.244	ug/L	87
13) Acetone	2.150	43	70798	48.064	ug/L	74
14) Carbon disulfide	2.240	76	98155	4.121	ug/L	99
15) Methyl Acetate	2.394	43	16017	4.830	ug/L	98
16) Methylene chloride	2.446	84	41782	4.704	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	86730	4.676	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	34677	4.444	ug/L	98
19) 1,1-Dichloroethane	3.114	63	68432	4.662	ug/L	97
21) 2-Butanone	3.905	43	99060	43.005	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	37086	4.414	ug/L	96
23) Bromochloromethane	4.150	128	17374	4.915	ug/L	98
25) Chloroform	4.278	83	74141	5.148	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	46553	5.471	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	61393	4.161	ug/L	97
30) Cyclohexane	4.584	56	49576	3.058	ug/L	96
31) Carbon tetrachloride	4.738	117	52914	4.239	ug/L	96
33) Benzene	5.011	78	154746	4.050	ug/L	100
34) Trichloroethene	5.834	95	39120	3.751	ug/L	96
35) Methylcyclohexane	6.050	83	56737	3.515	ug/L	95
37) 1,2-Dichloropropane	6.095	63	38292	3.748	ug/L #	96
38) Bromodichloromethane	6.436	83	50651	4.172	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	58705	4.037	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	276464	42.758	ug/L	98
42) Toluene	7.317	91	186225	4.572	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	49869	4.173	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	33931	4.708	ug/L	98
47) Tetrachloroethene	7.908	164	35039	4.430	ug/L	97
48) 2-Hexanone	8.082	43	198859	43.591	ug/L	99
49) Dibromochloromethane	8.178	129	36832	4.908	ug/L	97
50) 1,2-Dibromoethane	8.285	107	30583	4.486	ug/L	93
51) Chlorobenzene	8.818	112	116482	4.442	ug/L	98
52) Ethylbenzene	8.950	91	190865	4.209	ug/L	98
53) m,p-Xylene	9.075	106	72851	4.331	ug/L	99
54) o-Xylene	9.481	106	69400	4.282	ug/L	97
55) Styrene	9.500	104	124542	4.550	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.182	83	40540	5.112	ug/L	96
59) Bromoform	9.670	173	19495	4.730	ug/L	98
60) Isopropylbenzene	9.870	105	189178	4.295	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	28340	4.698	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	143240	3.990	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	147106	4.116	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	92234	4.383	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	91490	4.334	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	84999	4.429	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	5735	4.653	ug/L	95
69) 1,3,5-Trichlorobenzene	12.587	180	60470	3.924	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	50633	3.704	ug/L	99
71) Naphthalene	13.442	128	81629	3.515	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	47562	4.038	ug/L	99

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

