

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102423\
 Data File : VW032619.D
 Acq On : 25 Oct 2023 03:25
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005299

Quant Time: Oct 25 08:38:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 08:15:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	94456	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	107038	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55132	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39030	5.081	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.532	69	35429	5.682	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.600%
11) 1,1-Dichloroethene-d2	2.059	65	15574	4.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	3.809	46	88809	45.700	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.400%
24) Chloroform-d	4.252	84	68912	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	4.947	65	34175	5.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	4.963	84	133843	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	5.992	67	39543	3.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.800%
41) Toluene-d8	7.246	98	135598	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.558	79	16561	4.479	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.027	63	78134	44.909	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.820%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	35832	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	47314	4.625	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	49260	4.680	ug/L	100
3) Chloromethane	1.217	50	48071	4.530	ug/L	97
5) Vinyl chloride	1.281	62	49473	4.888	ug/L	100
6) Bromomethane	1.490	94	29858	4.884	ug/L	96
8) Chloroethane	1.551	64	33685	5.529	ug/L	99
9) Trichlorofluoromethane	1.715	101	68694	5.660	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	37790	5.139	ug/L	98
12) 1,1-Dichloroethene	2.069	96	34527	4.984	ug/L	99
13) Acetone	2.133	43	68406	45.671	ug/L	93
14) Carbon disulfide	2.243	76	97647	4.032	ug/L	99
15) Methyl Acetate	2.387	43	14262	4.230	ug/L #	91
16) Methylene chloride	2.449	84	43008	4.762	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	86386	4.581	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	34692	4.372	ug/L	98
19) 1,1-Dichloroethane	3.114	63	69037	4.625	ug/L	97
21) 2-Butanone	3.886	43	97582	41.662	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	38214	4.473	ug/L	98
23) Bromochloromethane	4.153	128	17879	4.974	ug/L	95
25) Chloroform	4.278	83	74980	5.120	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.046	62	46490	5.373	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	62365	4.285	ug/L	97
30) Cyclohexane	4.583	56	50839	3.179	ug/L	96
31) Carbon tetrachloride	4.738	117	53084	4.311	ug/L	98
33) Benzene	5.011	78	157343	4.175	ug/L	100
34) Trichloroethene	5.834	95	40231	3.911	ug/L	97
35) Methylcyclohexane	6.053	83	57418	3.607	ug/L	98
37) 1,2-Dichloropropane	6.098	63	42535	4.220	ug/L	99
38) Bromodichloromethane	6.435	83	52727	4.403	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	58949	4.110	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	271051	42.498	ug/L	99
42) Toluene	7.316	91	184133	4.583	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	50574	4.290	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	32856	4.621	ug/L	97
47) Tetrachloroethene	7.908	164	33411	4.283	ug/L	97
48) 2-Hexanone	8.079	43	195271	43.394	ug/L	98
49) Dibromochloromethane	8.178	129	36714	4.960	ug/L	94
50) 1,2-Dibromoethane	8.284	107	30541	4.542	ug/L	93
51) Chlorobenzene	8.818	112	117743	4.552	ug/L	98
52) Ethylbenzene	8.950	91	194666	4.352	ug/L	99
53) m,p-Xylene	9.075	106	73961	4.458	ug/L	99
54) o-Xylene	9.480	106	70020	4.380	ug/L	99
55) Styrene	9.500	104	125099	4.633	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	38738	4.952	ug/L	98
59) Bromoform	9.667	173	19551	4.877	ug/L	99
60) Isopropylbenzene	9.869	105	193123	4.507	ug/L	98
61) 1,2,3-Trichloropropane	10.213	75	27562	4.697	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	148630	4.256	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	152167	4.377	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	94098	4.597	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	94480	4.601	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	86494	4.633	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5606	4.676	ug/L	86
69) 1,3,5-Trichlorobenzene	12.583	180	65226	4.351	ug/L	100
70) 1,2,4-trichlorobenzene	13.200	180	53554	4.028	ug/L	99
71) Naphthalene	13.442	128	85301	3.777	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	49504	4.321	ug/L	98

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

