

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101023\
 Data File : VW032378.D
 Acq On : 10 Oct 2023 16:06
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005398

Quant Time: Oct 11 02:00:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 11 01:56:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	114294	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	124664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	65802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41547	4.470	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.532	69	33823	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.060	65	16766	4.277	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	3.809	46	96323	40.964	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.920%
24) Chloroform-d	4.252	84	72884	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	4.947	65	33972	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	4.963	84	137833	3.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	5.995	67	42749	3.517	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.400%
41) Toluene-d8	7.246	98	137030	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.558	79	16929	3.931	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.030	63	88716	43.782	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.560%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36002	4.235	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	49362	4.043	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	64093	5.032	ug/L	98
3) Chloromethane	1.217	50	61881	4.820	ug/L	99
5) Vinyl chloride	1.281	62	60331	4.927	ug/L	99
6) Bromomethane	1.487	94	33995	4.595	ug/L	98
8) Chloroethane	1.548	64	37970	5.150	ug/L	97
9) Trichlorofluoromethane	1.712	101	75386	5.133	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	46202	5.192	ug/L	100
12) 1,1-Dichloroethene	2.069	96	40198	4.796	ug/L	93
13) Acetone	2.134	43	87855	48.476	ug/L	99
14) Carbon disulfide	2.240	76	126053	4.302	ug/L	99
15) Methyl Acetate	2.384	43	17984	4.408	ug/L	91
16) Methylene chloride	2.449	84	52839	4.835	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	101997	4.470	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	44034	4.586	ug/L	98
19) 1,1-Dichloroethane	3.114	63	82736	4.581	ug/L	99
21) 2-Butanone	3.886	43	124240	43.837	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	47319	4.577	ug/L	93
23) Bromochloromethane	4.153	128	21182	4.870	ug/L	96
25) Chloroform	4.281	83	85848	4.844	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	48838	4.665	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	70347	4.150	ug/L	98
30) Cyclohexane	4.587	56	68008	3.651	ug/L	98
31) Carbon tetrachloride	4.738	117	60413	4.212	ug/L	99
33) Benzene	5.014	78	180404	4.110	ug/L	100
34) Trichloroethene	5.838	95	47088	3.930	ug/L	98
35) Methylcyclohexane	6.053	83	65014	3.506	ug/L	91
37) 1,2-Dichloropropane	6.098	63	46422	3.955	ug/L	100
38) Bromodichloromethane	6.436	83	61876	4.436	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	69380	4.153	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	315350	42.453	ug/L	100
42) Toluene	7.317	91	206708	4.418	ug/L	96
44) trans-1,3-Dichloropropene	7.587	75	55503	4.043	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	37176	4.490	ug/L	99
47) Tetrachloroethene	7.908	164	38703	4.259	ug/L	98
48) 2-Hexanone	8.079	43	234306	44.707	ug/L	100
49) Dibromochloromethane	8.181	129	39656	4.600	ug/L	98
50) 1,2-Dibromoethane	8.288	107	34681	4.428	ug/L	98
51) Chlorobenzene	8.818	112	130265	4.324	ug/L	99
52) Ethylbenzene	8.950	91	219328	4.210	ug/L	99
53) m,p-Xylene	9.075	106	83245	4.308	ug/L	99
54) o-Xylene	9.480	106	80118	4.303	ug/L	98
55) Styrene	9.500	104	140582	4.471	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	41288	4.532	ug/L	95
59) Bromoform	9.667	173	20205	4.223	ug/L	100
60) Isopropylbenzene	9.870	105	217738	4.258	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	30290	4.325	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	171041	4.104	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	172923	4.167	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	103424	4.233	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	104098	4.247	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	97589	4.380	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	6179	4.318	ug/L	97
69) 1,3,5-Trichlorobenzene	12.586	180	72473	4.051	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	61857	3.898	ug/L	99
71) Naphthalene	13.442	128	97696	3.624	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	56215	4.111	ug/L	99

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

