

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103023\
 Data File : VV032758.D
 Acq On : 30 Oct 2023 08:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005309

Quant Time: Oct 31 02:18:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 01:47:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	130906	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	152384	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	78751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	50350	4.683	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.600%	
7) Chloroethane-d5	1.532	69	47131	5.159	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.200%	
11) 1,1-Dichloroethene-d2	2.060	65	21619	4.480	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.600%	
20) 2-Butanone-d5	3.806	46	88903	38.293	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.580%	
24) Chloroform-d	4.253	84	98042	5.492	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.800%	
26) 1,2-Dichloroethane-d4	4.947	65	46866	5.317	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.400%	
32) Benzene-d6	4.963	84	178811	4.928	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	5.992	67	53572	5.099	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.000%	
41) Toluene-d8	7.246	98	188109	5.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
43) trans-1,3-Dichloroprop...	7.558	79	17460	3.766	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.400%	
46) 2-Hexanone-d5	8.027	63	85981	46.799	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.600%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	46482	4.975	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	11.564	152	65292	5.077	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	68158	5.072	ug/L	98
3) Chloromethane	1.217	50	77248	4.873	ug/L	98
5) Vinyl chloride	1.285	62	76597	4.869	ug/L	100
6) Bromomethane	1.491	94	42495	4.629	ug/L	97
8) Chloroethane	1.552	64	53234	5.174	ug/L	100
9) Trichlorofluoromethane	1.716	101	110925	5.238	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	58685	4.699	ug/L	100
12) 1,1-Dichloroethene	2.069	96	56473	4.827	ug/L	100
13) Acetone	2.134	43	102456	44.703	ug/L	89
14) Carbon disulfide	2.243	76	181348	4.893	ug/L	99
15) Methyl Acetate	2.384	43	21440	4.671	ug/L	98
16) Methylene chloride	2.449	84	68255	4.740	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	122886	4.865	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	58861	5.088	ug/L	94
19) 1,1-Dichloroethane	3.114	63	106470	5.191	ug/L	95
21) 2-Butanone	3.883	43	119262	39.359	ug/L	84
22) cis-1,2-Dichloroethene	3.818	96	60901	5.192	ug/L	96
23) Bromochloromethane	4.150	128	30056	5.508	ug/L	99
25) Chloroform	4.278	83	120005	5.382	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.044	62	70943	5.118	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	100779	5.127	ug/L	98
30) Cyclohexane	4.587	56	73337	4.427	ug/L	99
31) Carbon tetrachloride	4.738	117	88239	5.160	ug/L	99
33) Benzene	5.011	78	247428	5.151	ug/L	100
34) Trichloroethene	5.834	95	62446	4.866	ug/L	95
35) Methylcyclohexane	6.050	83	82235	4.289	ug/L	99
37) 1,2-Dichloropropane	6.095	63	58850	5.078	ug/L	98
38) Bromodichloromethane	6.436	83	81333	4.750	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	66739	3.782	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	377879	50.528	ug/L	99
42) Toluene	7.317	91	292216	5.236	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	62771	4.134	ug/L	94
45) 1,1,2-Trichloroethane	7.770	97	50739	5.183	ug/L	99
47) Tetrachloroethene	7.908	164	54882	4.840	ug/L	96
48) 2-Hexanone	8.079	43	270245	49.406	ug/L	100
49) Dibromochloromethane	8.178	129	61266	5.276	ug/L	98
50) 1,2-Dibromoethane	8.285	107	47662	5.217	ug/L	96
51) Chlorobenzene	8.815	112	184450	5.003	ug/L	99
52) Ethylbenzene	8.947	91	293894	5.010	ug/L	98
53) m,p-Xylene	9.076	106	112608	5.069	ug/L	100
54) o-Xylene	9.481	106	107779	5.002	ug/L	97
55) Styrene	9.497	104	191054	5.352	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	56683	4.964	ug/L	94
59) Bromoform	9.670	173	32773	5.304	ug/L	99
60) Isopropylbenzene	9.870	105	267755	5.010	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	40485	4.861	ug/L	97
62) 1,3,5-Trimethylbenzene	10.481	105	211401	4.838	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	214903	4.978	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	148600	5.182	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	144757	5.085	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	137090	5.198	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	9096	4.570	ug/L	90
69) 1,3,5-Trichlorobenzene	12.583	180	92332	4.511	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	74154	4.269	ug/L	100
71) Naphthalene	13.442	128	108450	3.940	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	71524	4.683	ug/L	99

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

