

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032730.D
 Acq On : 28 Oct 2023 10:17
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005307

Quant Time: Oct 30 01:16:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 02:08:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	147640	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	167431	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	88808	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	54889	4.527	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.532	69	50021	4.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.060	65	24016	4.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.809	46	116785	44.601	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.200%
24) Chloroform-d	4.253	84	103636	5.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	4.947	65	51414	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	4.963	84	199101	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	5.992	67	56455	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.246	98	205882	5.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	7.558	79	23025	4.520	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.031	63	101165	50.115	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.240%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	49188	4.792	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	69693	4.806	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	71293	4.704	ug/L	99
3) Chloromethane	1.217	50	81186	4.541	ug/L	96
5) Vinyl chloride	1.282	62	81837	4.613	ug/L	99
6) Bromomethane	1.491	94	47843	4.621	ug/L	98
8) Chloroethane	1.552	64	55304	4.766	ug/L	98
9) Trichlorofluoromethane	1.716	101	117745	4.930	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	66279	4.705	ug/L	99
12) 1,1-Dichloroethene	2.069	96	62522	4.738	ug/L	98
13) Acetone	2.137	43	105538	40.828	ug/L	88
14) Carbon disulfide	2.243	76	197271	4.719	ug/L	100
15) Methyl Acetate	2.384	43	22368	4.321	ug/L	97
16) Methylene chloride	2.449	84	76423	4.705	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	142332	4.996	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	66108	5.066	ug/L	95
19) 1,1-Dichloroethane	3.114	63	116510	5.036	ug/L	96
21) 2-Butanone	3.886	43	162352	47.507	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	69002	5.216	ug/L	94
23) Bromochloromethane	4.153	128	31371	5.098	ug/L	98
25) Chloroform	4.281	83	128798	5.121	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	77611	4.965	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	106596	4.936	ug/L	99
30) Cyclohexane	4.587	56	87409	4.802	ug/L	97
31) Carbon tetrachloride	4.738	117	92953	4.947	ug/L	99
33) Benzene	5.011	78	269034	5.098	ug/L	100
34) Trichloroethene	5.834	95	71127	5.045	ug/L	99
35) Methylcyclohexane	6.053	83	99153	4.706	ug/L	100
37) 1,2-Dichloropropane	6.095	63	60123	4.721	ug/L	99
38) Bromodichloromethane	6.436	83	100684	5.351	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	92387	4.765	ug/L	93
40) 4-Methyl-2-pentanone	7.159	43	428604	52.161	ug/L	99
42) Toluene	7.317	91	320065	5.220	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	80823	4.844	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	53306	4.956	ug/L	98
47) Tetrachloroethene	7.908	164	61726	4.954	ug/L	97
48) 2-Hexanone	8.079	43	307998	51.248	ug/L	99
49) Dibromochloromethane	8.178	129	64814	5.080	ug/L	99
50) 1,2-Dibromoethane	8.285	107	50901	5.071	ug/L	96
51) Chlorobenzene	8.815	112	207319	5.118	ug/L	100
52) Ethylbenzene	8.950	91	334454	5.189	ug/L	99
53) m,p-Xylene	9.075	106	126767	5.194	ug/L	95
54) o-Xylene	9.481	106	126014	5.323	ug/L	100
55) Styrene	9.500	104	212675	5.422	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	61762	4.923	ug/L	98
59) Bromoform	9.667	173	34768	4.990	ug/L	99
60) Isopropylbenzene	9.870	105	308948	5.126	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	43196	4.599	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	245333	4.979	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	251238	5.160	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	167119	5.168	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	161765	5.039	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	151428	5.091	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	9741	4.340	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	110793	4.800	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	93313	4.764	ug/L	99
71) Naphthalene	13.442	128	149282	4.809	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	88512	5.139	ug/L	98

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

