

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101823\
 Data File : VW032483.D
 Acq On : 18 Oct 2023 19:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005288

Quant Time: Oct 19 04:35:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 19 04:26:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	105132	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	109601	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	57571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38770	4.534	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.532	69	33557	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.060	65	16780	4.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	3.806	46	90779	41.970	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.940%
24) Chloroform-d	4.253	84	69652	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.947	65	33428	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	4.963	84	134569	4.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	5.992	67	41955	3.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.246	98	125875	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.558	79	15196	4.013	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.027	63	78540	44.087	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.180%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33261	4.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	43935	4.113	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	57922	4.944	ug/L	98
3) Chloromethane	1.217	50	58402	4.945	ug/L	99
5) Vinyl chloride	1.282	62	57513	5.106	ug/L	100
6) Bromomethane	1.487	94	26937	3.959	ug/L	99
8) Chloroethane	1.548	64	36960	5.450	ug/L	99
9) Trichlorofluoromethane	1.712	101	74614	5.523	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	45550	5.565	ug/L	99
12) 1,1-Dichloroethene	2.069	96	42398	5.499	ug/L	94
13) Acetone	2.134	43	82465	49.467	ug/L	96
14) Carbon disulfide	2.240	76	117897	4.374	ug/L	100
15) Methyl Acetate	2.384	43	19539	5.206	ug/L	98
16) Methylene chloride	2.449	84	47521	4.727	ug/L	96
17) Methyl tert-butyl Ether	2.703	73	101929	4.856	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	43782	4.957	ug/L	97
19) 1,1-Dichloroethane	3.111	63	88601	5.333	ug/L	98
21) 2-Butanone	3.883	43	120017	46.037	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	47232	4.967	ug/L	96
23) Bromochloromethane	4.153	128	20762	5.190	ug/L	93
25) Chloroform	4.278	83	89728	5.505	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	52644	5.467	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	73475	4.931	ug/L	97
30) Cyclohexane	4.584	56	67869	4.145	ug/L	97
31) Carbon tetrachloride	4.738	117	62382	4.948	ug/L	98
33) Benzene	5.011	78	188157	4.876	ug/L	100
34) Trichloroethene	5.834	95	47166	4.477	ug/L	95
35) Methylcyclohexane	6.053	83	65271	4.004	ug/L	95
37) 1,2-Dichloropropane	6.095	63	49288	4.776	ug/L	99
38) Bromodichloromethane	6.436	83	62239	5.076	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	63651	4.334	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	315484	48.308	ug/L	98
42) Toluene	7.317	91	201029	4.887	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	53939	4.469	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	35840	4.923	ug/L	98
47) Tetrachloroethene	7.905	164	36797	4.606	ug/L	98
48) 2-Hexanone	8.079	43	227197	49.308	ug/L	98
49) Dibromochloromethane	8.178	129	36924	4.872	ug/L	98
50) 1,2-Dibromoethane	8.284	107	32928	4.782	ug/L	98
51) Chlorobenzene	8.815	112	127635	4.819	ug/L	99
52) Ethylbenzene	8.947	91	213951	4.671	ug/L	99
53) m,p-Xylene	9.075	106	80165	4.719	ug/L	97
54) o-Xylene	9.481	106	77417	4.729	ug/L	98
55) Styrene	9.497	104	137184	4.962	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	42902	5.356	ug/L	97
59) Bromoform	9.667	173	19377	4.628	ug/L	98
60) Isopropylbenzene	9.870	105	211731	4.732	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	30765	5.021	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	160762	4.408	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	165023	4.545	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	101453	4.746	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	100878	4.704	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	93042	4.773	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	6207	4.958	ug/L	88
69) 1,3,5-Trichlorobenzene	12.583	180	70250	4.488	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	57849	4.166	ug/L	99
71) Naphthalene	13.442	128	88759	3.763	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	53214	4.448	ug/L	100

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

