

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029864.D
 Acq On : 14 Jan 2023 17:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005385

Quant Time: Jan 16 03:44:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	198574	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	188980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	108139	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76156	5.056	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.564	69	69328	5.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.000%
11) 1,1-Dichloroethene-d2	2.108	63	143770	5.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.800%
20) 2-Butanone-d5	3.892	46	161113	60.352	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.700%
24) Chloroform-d	4.342	84	159307	5.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.400%
26) 1,2-Dichloroethane-d4	5.027	65	67185	5.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.800%
32) Benzene-d6	5.043	84	319899	5.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.200%
36) 1,2-Dichloropropane-d6	6.063	67	95148	5.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.000%
41) Toluene-d8	7.307	98	292448	5.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
43) trans-1,3-Dichloroprop...	7.616	79	30162	5.034	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.085	63	152135	62.368	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.740%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	73397	6.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.000%#
66) 1,2-Dichlorobenzene-d4	11.612	152	103772	5.278	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	96062	5.198	ug/L	99
3) Chloromethane	1.240	50	106154	5.458	ug/L	99
5) Vinyl chloride	1.307	62	116401	6.103	ug/L	99
6) Bromomethane	1.519	94	47597	5.126	ug/L	99
8) Chloroethane	1.584	64	72074	6.228	ug/L	99
9) Trichlorofluoromethane	1.751	101	146916	5.881	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	78417	5.328	ug/L	99
12) 1,1-Dichloroethene	2.114	96	84911	5.008	ug/L	90
13) Acetone	2.182	43	102014	53.540	ug/L	92
14) Carbon disulfide	2.291	76	254462	5.213	ug/L	100
15) Methyl Acetate	2.436	43	25251	5.089	ug/L	99
16) Methylene chloride	2.503	84	94121	4.468	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	168441	5.745	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	90148	5.719	ug/L	96
19) 1,1-Dichloroethane	3.185	63	159335	6.043	ug/L	99
21) 2-Butanone	3.976	43	157641	57.752	ug/L	91
22) cis-1,2-Dichloroethene	3.905	96	95013	5.657	ug/L	99
23) Bromochloromethane	4.243	128	42318	6.101	ug/L	97
25) Chloroform	4.368	83	165936	5.789	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	87372	6.274	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	142531	5.808	ug/L	99
30) Cyclohexane	4.670	56	127676	5.496	ug/L	99
31) Carbon tetrachloride	4.821	117	120065	5.623	ug/L	99
33) Benzene	5.095	78	385171	6.165	ug/L	100
34) Trichloroethene	5.908	95	94080	5.942	ug/L	97
35) Methylcyclohexane	6.127	83	134396	5.027	ug/L	98
37) 1,2-Dichloropropane	6.165	63	92471	6.320	ug/L	100
38) Bromodichloromethane	6.503	83	110458	5.837	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	106939	5.450	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	401434	64.288	ug/L	99
42) Toluene	7.381	91	402485	5.973	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	86264	5.455	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	62485	5.927	ug/L	99
47) Tetrachloroethene	7.966	164	76416	5.732	ug/L	98
48) 2-Hexanone	8.136	43	294307	65.941	ug/L	99
49) Dibromochloromethane	8.236	129	69165	5.590	ug/L	99
50) 1,2-Dibromoethane	8.345	107	56754	6.202	ug/L	95
51) Chlorobenzene	8.873	112	248144	5.799	ug/L	98
52) Ethylbenzene	9.005	91	402295	5.704	ug/L	100
53) m,p-Xylene	9.130	106	157921	5.657	ug/L	98
54) o-Xylene	9.535	106	151695	5.726	ug/L	98
55) Styrene	9.551	104	271332	5.955	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	73878	6.309	ug/L	100
59) Bromoform	9.722	173	35381	5.051	ug/L	99
60) Isopropylbenzene	9.921	105	395007	5.715	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	50145	6.262	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	314506	5.309	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	318988	5.400	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	196095	5.586	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	196761	5.623	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	179386	5.685	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	9787	5.168	ug/L	94
69) 1,3,5-Trichlorobenzene	12.631	180	129368	4.579	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	96737	4.382	ug/L	99
71) Naphthalene	13.490	128	121984	4.265	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	82961	4.527	ug/L	99

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

