

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028924.D
 Acq On : 12 Nov 2022 11:35
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

Quant Time: Nov 14 00:28:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 03:43:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	329625	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	301588	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	152382	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	98840	4.918	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.400%	
7) Chloroethane-d5	1.568	69	89113	5.044	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.800%	
11) 1,1-Dichloroethene-d2	2.108	63	187085	5.109	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.200%	
20) 2-Butanone-d5	3.886	46	212846	63.273	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	126.540%	
24) Chloroform-d	4.342	84	218534	5.297	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
26) 1,2-Dichloroethane-d4	5.030	65	95819	5.162	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	5.047	84	448047	4.977	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
36) 1,2-Dichloropropane-d6	6.066	67	126551	5.034	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.600%	
41) Toluene-d8	7.310	98	413851	5.107	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
43) trans-1,3-Dichloroprop...	7.619	79	37642	4.591	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.085	63	192548	55.022	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.040%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	85605	4.912	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	11.615	152	141388	5.186	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	136787	4.978	ug/L	97
3) Chloromethane	1.240	50	121992	5.349	ug/L	98
5) Vinyl chloride	1.310	62	133613	5.136	ug/L	96
6) Bromomethane	1.523	94	79741	5.129	ug/L	97
8) Chloroethane	1.584	64	81411	5.326	ug/L	94
9) Trichlorofluoromethane	1.751	101	181351	5.171	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	101769	5.125	ug/L	99
12) 1,1-Dichloroethene	2.117	96	104322	5.228	ug/L	98
13) Acetone	2.179	43	113417	52.413	ug/L	83
14) Carbon disulfide	2.291	76	352393	4.973	ug/L	99
15) Methyl Acetate	2.436	43	38552	7.341	ug/L	96
16) Methylene chloride	2.503	84	175498	6.802	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	233939	5.468	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	121090	5.232	ug/L	95
19) 1,1-Dichloroethane	3.185	63	199110	5.263	ug/L	99
21) 2-Butanone	3.973	43	198623	59.287	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	127291	5.410	ug/L	98
23) Bromochloromethane	4.246	128	52267	5.253	ug/L	92
25) Chloroform	4.371	83	204707	5.161	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	110985	5.433	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	180926	5.112	ug/L	98
30) Cyclohexane	4.670	56	187035	5.200	ug/L	97
31) Carbon tetrachloride	4.825	117	148179	4.862	ug/L	100
33) Benzene	5.095	78	474190	5.145	ug/L	100
34) Trichloroethene	5.911	95	123085	5.217	ug/L	98
35) Methylcyclohexane	6.127	83	202923	4.894	ug/L	98
37) 1,2-Dichloropropane	6.172	63	108699	5.115	ug/L	99
38) Bromodichloromethane	6.506	83	131060	4.869	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	140765	4.744	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	496727	54.325	ug/L	97
42) Toluene	7.384	91	517353	5.196	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	108985	4.732	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	76173	5.475	ug/L	97
47) Tetrachloroethene	7.969	164	99778	5.281	ug/L	98
48) 2-Hexanone	8.136	43	337328	52.666	ug/L	99
49) Dibromochloromethane	8.239	129	83240	4.949	ug/L	100
50) 1,2-Dibromoethane	8.349	107	69006	5.339	ug/L	99
51) Chlorobenzene	8.876	112	326883	5.310	ug/L	99
52) Ethylbenzene	9.008	91	552166	5.327	ug/L	100
53) m,p-Xylene	9.133	106	215303	5.223	ug/L	99
54) o-Xylene	9.535	106	199624	5.094	ug/L	96
55) Styrene	9.554	104	344137	5.236	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	82385	5.081	ug/L	97
59) Bromoform	9.725	173	39343	4.736	ug/L	99
60) Isopropylbenzene	9.924	105	540224	5.462	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	57068	5.480	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	451276	5.386	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	455272	5.424	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	246706	5.309	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	249234	5.335	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	224864	5.385	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	10590	5.169	ug/L	86
69) 1,3,5-Trichlorobenzene	12.635	180	188581	5.260	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	148635	5.481	ug/L	98
71) Naphthalene	13.493	128	199420	5.699	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	127186	5.537	ug/L	99

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

