

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092222\
 Data File : VW028088.D
 Acq On : 23 Sep 2022 03:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005300

Quant Time: Sep 23 04:55:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:38:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	175980	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	184236	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	98743	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	99079	5.431	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.600%
7) Chloroethane-d5	1.561	69	77397	5.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.101	63	158428	5.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	3.896	46	165258	53.653	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.300%
24) Chloroform-d	4.342	84	154496	5.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.027	65	73800	5.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.043	84	300405	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.066	67	88258	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.310	98	279434	5.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	7.619	79	31864	4.684	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.088	63	139567	49.156	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	65968	5.125	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	97346	5.026	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	69211	5.266	ug/L	94
3) Chloromethane	1.236	50	68378	3.928	ug/L	97
5) Vinyl chloride	1.304	62	73871	5.413	ug/L	99
6) Bromomethane	1.516	94	45701	5.143	ug/L	100
8) Chloroethane	1.581	64	48506	5.301	ug/L	97
9) Trichlorofluoromethane	1.748	101	115794	5.344	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	64345	5.153	ug/L	99
12) 1,1-Dichloroethene	2.111	96	59527	4.895	ug/L	92
13) Acetone	2.188	43	102952	43.394	ug/L	97
14) Carbon disulfide	2.288	76	121837	5.220	ug/L	97
15) Methyl Acetate	2.439	43	23766	5.160	ug/L #	90
16) Methylene chloride	2.500	84	95033	7.000	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	136214	5.207	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	56416	5.299	ug/L	95
19) 1,1-Dichloroethane	3.182	63	122102	5.258	ug/L	98
21) 2-Butanone	3.976	43	147771	50.310	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	65456	4.686	ug/L	96
23) Bromochloromethane	4.243	128	30472	5.448	ug/L	87
25) Chloroform	4.371	83	131734	5.286	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	71971	5.416	ug/L	95
29) 1,1,1-Trichloroethane	4.603	97	109792	4.850	ug/L	99
30) Cyclohexane	4.670	56	74052	4.523	ug/L	92
31) Carbon tetrachloride	4.822	117	92532	4.967	ug/L	99
33) Benzene	5.092	78	255744	4.999	ug/L	100
34) Trichloroethene	5.908	95	61056	4.794	ug/L	95
35) Methylcyclohexane	6.124	83	80729	4.622	ug/L	98
37) 1,2-Dichloropropane	6.169	63	69114	4.819	ug/L	99
38) Bromodichloromethane	6.506	83	89014	5.027	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	79718	4.475	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	364295	52.305	ug/L	99
42) Toluene	7.384	91	275220	5.157	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	73173	4.776	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	49825	5.183	ug/L	97
47) Tetrachloroethene	7.973	164	51724	5.088	ug/L	92
48) 2-Hexanone	8.137	43	272479	51.535	ug/L	99
49) Dibromochloromethane	8.243	129	59984	5.189	ug/L	99
50) 1,2-Dibromoethane	8.349	107	42099	5.039	ug/L	100
51) Chlorobenzene	8.879	112	179795	5.023	ug/L	99
52) Ethylbenzene	9.008	91	275713	4.884	ug/L	100
53) m,p-Xylene	9.136	106	107977	4.991	ug/L	98
54) o-Xylene	9.542	106	105753	4.950	ug/L	98
55) Styrene	9.558	104	195059	5.269	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	58855	5.254	ug/L	99
59) Bromoform	9.728	173	32132	5.125	ug/L	98
60) Isopropylbenzene	9.927	105	284537	4.909	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	42046	5.077	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	76512	4.687	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	218640	4.791	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	148813	5.160	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	150311	5.209	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	140539	5.159	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8609	4.742	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	114947	5.036	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	91110	4.991	ug/L	99
71) Naphthalene	13.500	128	137960	4.615	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	82855	5.018	ug/L	97

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

