

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028292.D
 Acq On : 03 Oct 2022 20:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005316

Quant Time: Oct 04 02:49:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	207513	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	207232	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	114429	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	73544	4.717	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.561	69	63281	4.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.102	63	139341	4.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	3.896	46	152439	57.783	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.560%
24) Chloroform-d	4.343	84	146043	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.027	65	66286	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.044	84	292830	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.063	67	83832	5.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.310	98	272675	5.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	7.619	79	29731	4.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.085	63	136343	53.632	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	64126	5.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	94306	4.789	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	84167	5.042	ug/L	92
3) Chloromethane	1.237	50	79608	5.033	ug/L	98
5) Vinyl chloride	1.307	62	91925	5.161	ug/L	95
6) Bromomethane	1.516	94	36905	4.363	ug/L	97
8) Chloroethane	1.581	64	64220	5.410	ug/L	86
9) Trichlorofluoromethane	1.748	101	133535	4.990	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	74767	4.995	ug/L	99
12) 1,1-Dichloroethene	2.111	96	75485	5.071	ug/L	79
13) Acetone	2.195	43	98885	57.082	ug/L	94
14) Carbon disulfide	2.288	76	238183	5.136	ug/L	99
15) Methyl Acetate	2.439	43	23859	5.060	ug/L #	74
16) Methylene chloride	2.500	84	99925	5.964	ug/L	89
17) Methyl tert-butyl Ether	2.767	73	156031	5.105	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	80928	5.220	ug/L	93
19) 1,1-Dichloroethane	3.182	63	145013	5.492	ug/L	97
21) 2-Butanone	3.979	43	153507	58.371	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	82895	5.309	ug/L	97
23) Bromochloromethane	4.240	128	39304	5.684	ug/L #	79
25) Chloroform	4.368	83	153818	5.312	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	81754	5.270	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	132930	5.200	ug/L	98
30) Cyclohexane	4.671	56	114896	5.217	ug/L	92
31) Carbon tetrachloride	4.822	117	117643	5.130	ug/L	98
33) Benzene	5.092	78	332644	5.392	ug/L	100
34) Trichloroethene	5.908	95	82118	5.316	ug/L	95
35) Methylcyclohexane	6.127	83	128085	5.079	ug/L	96
37) 1,2-Dichloropropane	6.169	63	80357	5.624	ug/L	99
38) Bromodichloromethane	6.506	83	102092	5.181	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	98548	4.832	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	379221	57.770	ug/L	96
42) Toluene	7.381	91	358689	5.525	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	81089	4.680	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	56951	5.374	ug/L	99
47) Tetrachloroethene	7.969	164	71125	5.269	ug/L	96
48) 2-Hexanone	8.137	43	272647	59.303	ug/L	94
49) Dibromochloromethane	8.243	129	66900	4.988	ug/L	98
50) 1,2-Dibromoethane	8.349	107	51957	5.448	ug/L	97
51) Chlorobenzene	8.876	112	222370	5.151	ug/L	98
52) Ethylbenzene	9.008	91	359114	5.264	ug/L	99
53) m,p-Xylene	9.133	106	147442	5.422	ug/L	96
54) o-Xylene	9.539	106	134525	5.230	ug/L	100
55) Styrene	9.558	104	239656	5.422	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	66609	5.540	ug/L	99
59) Bromoform	9.728	173	34099	4.524	ug/L	100
60) Isopropylbenzene	9.928	105	359402	5.133	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	46527	5.270	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	96195	4.835	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	277932	4.929	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	181289	5.270	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	181283	5.263	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	164500	5.273	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	9419	4.683	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	134047	4.927	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	104381	5.034	ug/L	99
71) Naphthalene	13.497	128	141437	4.368	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	92252	4.936	ug/L	100

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

