

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026066.D
 Acq On : 09 Jun 2022 20:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005301

Quant Time: Jun 10 02:55:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 02:49:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	208550	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	199402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	99980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	49900	4.076	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.584	69	56396	4.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.124	63	124454	4.401	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	3.915	46	118821	65.623	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.240%#
24) Chloroform-d	4.365	84	128467	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.047	65	53685	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.063	84	227968	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.079	67	74405	4.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.320	98	196224	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.629	79	21386	4.873	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.092	63	106410	55.096	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52498	5.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	72304	4.727	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	97480	4.749	ug/L	98
3) Chloromethane	1.256	50	118969	5.176	ug/L	100
5) Vinyl chloride	1.327	62	121718	5.072	ug/L	99
6) Bromomethane	1.539	94	67358	4.842	ug/L	99
8) Chloroethane	1.600	64	74267	5.031	ug/L	99
9) Trichlorofluoromethane	1.767	101	153768	5.026	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	80476	4.617	ug/L	99
12) 1,1-Dichloroethene	2.134	96	85199	5.078	ug/L	91
13) Acetone	2.204	43	72494	50.202	ug/L	83
14) Carbon disulfide	2.307	76	234719	4.904	ug/L	99
15) Methyl Acetate	2.458	43	19555	4.143	ug/L #	79
16) Methylene chloride	2.523	84	85444	5.112	ug/L	97
17) Methyl tert-butyl Ether	2.786	73	149980	5.507	ug/L	99
18) trans-1,2-Dichloroethene	2.777	96	79517	5.026	ug/L	97
19) 1,1-Dichloroethane	3.207	63	154193	5.359	ug/L	98
21) 2-Butanone	3.998	43	110354	58.667	ug/L	91
22) cis-1,2-Dichloroethene	3.928	96	83408	5.349	ug/L	96
23) Bromochloromethane	4.265	128	35663	5.441	ug/L	98
25) Chloroform	4.388	83	155534	5.265	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	77613	5.314	ug/L	99
29) 1,1,1-Trichloroethane	4.619	97	134747	5.150	ug/L	99
30) Cyclohexane	4.690	56	114007	5.010	ug/L	98
31) Carbon tetrachloride	4.838	117	110856	5.159	ug/L	96
33) Benzene	5.108	78	340295	5.430	ug/L	100
34) Trichloroethene	5.921	95	85201	5.204	ug/L	99
35) Methylcyclohexane	6.137	83	112088	4.441	ug/L	99
37) 1,2-Dichloropropane	6.178	63	83419	5.493	ug/L	100
38) Bromodichloromethane	6.516	83	100175	5.460	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	96048	5.132	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	375318	60.497	ug/L	98
42) Toluene	7.391	91	356691	5.448	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	77726	5.301	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	53232	5.398	ug/L	97
47) Tetrachloroethene	7.979	164	60347	4.762	ug/L	98
48) 2-Hexanone	8.143	43	266053	60.416	ug/L	100
49) Dibromochloromethane	8.246	129	57593	5.350	ug/L	98
50) 1,2-Dibromoethane	8.355	107	47561	5.420	ug/L	99
51) Chlorobenzene	8.883	112	220055	5.164	ug/L	98
52) Ethylbenzene	9.014	91	358509	5.224	ug/L	99
53) m,p-Xylene	9.140	106	139366	5.254	ug/L	99
54) o-Xylene	9.545	106	134614	5.338	ug/L	98
55) Styrene	9.561	104	236598	5.601	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	55568	5.263	ug/L	97
59) Bromoform	9.731	173	25035	5.338	ug/L	98
60) Isopropylbenzene	9.931	105	350814	5.280	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	43025	5.514	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	272177	5.173	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	276905	5.285	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	163636	5.184	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	161584	5.027	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	147341	5.278	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	7441	5.365	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	105381	4.610	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	83161	4.880	ug/L	99
71) Naphthalene	13.503	128	129539	5.351	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	75347	5.224	ug/L	97

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

