

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092721\
 Data File : VW022333.D
 Acq On : 27 Sep 2021 14:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005293

Quant Time: Sep 28 01:26:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 28 01:24:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	125335	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68305	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	27021	4.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.565	69	36025	4.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.105	63	69770	4.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	3.896	46	135741	52.596	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.200%
24) Chloroform-d	4.346	84	93550	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.031	65	43966	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.047	84	174423	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.066	67	56672	5.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.314	98	152985	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.622	79	15807	4.692	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.088	63	106991	51.073	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45682	4.919	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	62494	4.875	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	52458	5.375	ug/L	99
3) Chloromethane	1.240	50	52843	5.419	ug/L	99
5) Vinyl chloride	1.307	62	51279	5.467	ug/L	98
6) Bromomethane	1.520	94	33234	5.527	ug/L	99
8) Chloroethane	1.584	64	32622	5.522	ug/L	95
9) Trichlorofluoromethane	1.751	101	71982	5.548	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	43105	5.575	ug/L	98
12) 1,1-Dichloroethene	2.114	96	39930	5.669	ug/L	86
13) Acetone	2.188	43	71469	48.842	ug/L	98
14) Carbon disulfide	2.291	76	130593	5.452	ug/L	98
15) Methyl Acetate	2.439	43	17276	5.320	ug/L	93
16) Methylene chloride	2.503	84	52570	4.289	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	94924	5.067	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	47065	5.593	ug/L	98
19) 1,1-Dichloroethane	3.185	63	82283	5.543	ug/L	97
21) 2-Butanone	3.979	43	110548	49.939	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	47533	5.684	ug/L	96
23) Bromochloromethane	4.249	128	21779	5.517	ug/L	94
25) Chloroform	4.372	83	84261	5.555	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	46652	5.267	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	70619	5.398	ug/L	99
30) Cyclohexane	4.674	56	69179	5.296	ug/L	99
31) Carbon tetrachloride	4.825	117	61731	5.554	ug/L	98
33) Benzene	5.095	78	183266	5.546	ug/L	100
34) Trichloroethene	5.912	95	46465	5.534	ug/L	97
35) Methylcyclohexane	6.130	83	72018	5.371	ug/L	99
37) 1,2-Dichloropropane	6.172	63	45049	5.400	ug/L	99
38) Bromodichloromethane	6.510	83	54485	5.421	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	59213	5.367	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	261967	48.726	ug/L	99
42) Toluene	7.387	91	195252	5.578	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	49140	5.211	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	32716	5.187	ug/L	97
47) Tetrachloroethene	7.973	164	39636	5.566	ug/L	97
48) 2-Hexanone	8.140	43	189554	50.176	ug/L	99
49) Dibromochloromethane	8.246	129	37519	5.531	ug/L	92
50) 1,2-Dibromoethane	8.352	107	29789	5.079	ug/L	94
51) Chlorobenzene	8.883	112	124045	5.395	ug/L	99
52) Ethylbenzene	9.011	91	199661	5.483	ug/L	99
53) m,p-xylene	9.137	106	77344	5.500	ug/L	96
54) o-xylene	9.545	106	73356	5.353	ug/L	94
55) Styrene	9.561	104	131875	5.800	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	36373	4.644	ug/L	97
59) Bromoform	9.731	173	19550	5.130	ug/L	98
60) Isopropylbenzene	9.931	105	201350	5.290	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	27101	4.575	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	162363	5.223	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	166837	5.385	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	101099	5.396	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	100136	5.274	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	94227	5.276	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	5207	4.421	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	76388	5.376	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	58533	5.170	ug/L	98
71) Naphthalene	13.506	128	87363	4.247	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	54891	5.188	ug/L	97

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

