

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022905.D
 Acq On : 19 Oct 2021 07:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005316

Quant Time: Oct 19 09:01:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 04:07:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128594	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128044	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72833	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46229	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.568	69	34552	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.111	63	79591	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.80%
20) 2-Butanone-d5	3.896	46	94607	40.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.56%
24) Chloroform-d	4.349	84	94851	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.034	65	41995	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.050	84	188753	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.072	67	56955	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.317	98	181847	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
43) trans-1,3-Dichloroprop...	7.625	79	18123	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.091	63	78858	52.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.52%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40540	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	66143	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	46771	4.99	ug/L	100
3) Chloromethane	1.240	50	47369	5.03	ug/L	100
5) Vinyl chloride	1.310	62	51467	5.29	ug/L	99
6) Bromomethane	1.523	94	14180	2.34	ug/L	98
8) Chloroethane	1.584	64	26083	4.33	ug/L	99
9) Trichlorofluoromethane	1.754	101	66373	4.66	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38790	4.68	ug/L	97
12) 1,1-Dichloroethene	2.121	96	35920	4.62	ug/L	84
13) Acetone	2.185	43	54017	41.76	ug/L #	42
14) Carbon disulfide	2.294	76	120830	5.53	ug/L	99
15) Methyl Acetate	2.439	43	14971	4.04	ug/L	99
16) Methylene chloride	2.507	84	51202	4.79	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	83892	4.46	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	44958	5.32	ug/L	95
19) 1,1-Dichloroethane	3.191	63	81378	5.35	ug/L	98
21) 2-Butanone	3.982	43	88681	41.87	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	47157	5.32	ug/L	95
23) Bromochloromethane	4.252	128	21361	5.42	ug/L	99
25) Chloroform	4.378	83	86354	4.90	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	44284	5.03	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	74945	5.13	ug/L	100
30) Cyclohexane	4.680	56	62673	4.65	ug/L	99
31) Carbon tetrachloride	4.831	117	66397	5.23	ug/L	99
33) Benzene	5.101	78	181067	5.25	ug/L	100
34) Trichloroethene	5.915	95	47006	5.01	ug/L	97
35) Methylcyclohexane	6.133	83	65457	4.98	ug/L	96
37) 1,2-Dichloropropane	6.175	63	45648	5.50	ug/L	98
38) Bromodichloromethane	6.513	83	56097	5.49	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	54456	4.96	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	220744	49.53	ug/L	99
42) Toluene	7.391	91	199144	5.69	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	46957	5.25	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	32047	5.21	ug/L	98
47) Tetrachloroethene	7.976	164	40565	5.35	ug/L	98
48) 2-Hexanone	8.140	43	161719	49.63	ug/L	97
49) Dibromochloromethane	8.249	129	38670	5.37	ug/L	92
50) 1,2-Dibromoethane	8.355	107	29531	5.14	ug/L	97
51) Chlorobenzene	8.882	112	125878	5.47	ug/L	98
52) Ethylbenzene	9.014	91	198746	5.59	ug/L	100
53) m,p-xylene	9.140	106	78344	5.62	ug/L	97
54) o-xylene	9.545	106	73937	5.63	ug/L	98
55) Styrene	9.561	104	132153	5.84	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	35834	5.75	ug/L	98
59) Bromoform	9.735	173	21189	5.19	ug/L	99
60) Isopropylbenzene	9.934	105	201112	5.44	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25536	5.05	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	157393	5.27	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	163594	5.47	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	107274	5.53	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	106242	5.39	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	97036	5.33	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5108	5.55	ug/L	89
69) 1,3,5-Trichlorobenzene	12.648	180	80016	5.47	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	63666	5.70	ug/L	99
71) Naphthalene	13.503	128	89733	5.05	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	56820	5.39	ug/L	98

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

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