

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022521\
 Data File : VW020390.D
 Acq On : 24 Feb 2021 09:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005709

Quant Time: Feb 25 01:48:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 24 03:03:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	336709	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	319215	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.256	152	176878	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	94347	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.568	69	77232	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.108	63	187136	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.60%
20) 2-Butanone-d5	3.899	46	172328	44.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.10%
24) Chloroform-d	4.349	84	180079	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.034	65	85036	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.050	84	345328	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.072	67	100192	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.317	98	335013	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloroprop...	7.625	79	38970	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.092	63	136656	46.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.38%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	71532	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
66) 1,2-Dichlorobenzene-d4	11.632	152	132695	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	195007	4.68	ug/L	99
3) Chloromethane	1.240	50	155108	4.38	ug/L	97
5) Vinyl chloride	1.311	62	169296	4.46	ug/L	99
6) Bromomethane	1.523	94	105922	4.36	ug/L	97
8) Chloroethane	1.584	64	101758	4.52	ug/L	99
9) Trichlorofluoromethane	1.754	101	249309	4.56	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	137215	4.69	ug/L	99
12) 1,1-Dichloroethene	2.118	96	125092	4.47	ug/L	99
13) Acetone	2.198	43	148756	42.76	ug/L	99
14) Carbon disulfide	2.294	76	378295	4.54	ug/L	100
15) Methyl Acetate	2.439	43	37246	4.49	ug/L	96
16) Methylene chloride	2.507	84	127107	3.89	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	242465	4.41	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	133267	4.65	ug/L	98
19) 1,1-Dichloroethane	3.188	63	228785	4.52	ug/L	100
21) 2-Butanone	3.979	43	238633	46.41	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	136939	4.56	ug/L	97
23) Bromochloromethane	4.249	128	60508	4.48	ug/L	96
25) Chloroform	4.375	83	244468	4.50	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	137374	4.59	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	216925	4.76	ug/L	99
30) Cyclohexane	4.677	56	197996	4.78	ug/L	97
31) Carbon tetrachloride	4.828	117	190040	4.79	ug/L	100
33) Benzene	5.098	78	518812	4.71	ug/L	100
34) Trichloroethene	5.915	95	144871	4.68	ug/L	99
35) Methylcyclohexane	6.130	83	223452	4.90	ug/L	99
37) 1,2-Dichloropropane	6.175	63	123285	4.70	ug/L	100
38) Bromodichloromethane	6.510	83	158200	4.71	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	172216	4.77	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	577884	46.18	ug/L	99
42) Toluene	7.391	91	579756	4.79	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	139444	4.79	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	86070	4.57	ug/L	99
47) Tetrachloroethene	7.976	164	125447	4.76	ug/L	99
48) 2-Hexanone	8.143	43	413838	46.74	ug/L	99
49) Dibromochloromethane	8.249	129	104194	4.79	ug/L	97
50) 1,2-Dibromoethane	8.355	107	81509	4.63	ug/L	99
51) Chlorobenzene	8.886	112	377318	4.72	ug/L	99
52) Ethylbenzene	9.018	91	631614	4.74	ug/L	99
53) m,p-xylene	9.143	106	245016	4.78	ug/L	99
54) o-xylene	9.548	106	233401	4.83	ug/L	99
55) Styrene	9.564	104	400375	4.96	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	88328	4.48	ug/L	99
59) Bromoform	9.735	173	53917	4.71	ug/L	98
60) Isopropylbenzene	9.937	105	641670	4.79	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	70373	4.35	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	533959	4.86	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	548831	4.95	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	319282	4.67	ug/L	100
65) 1,4-Dichlorobenzene	11.278	146	315729	4.60	ug/L	98
67) 1,2-Dichlorobenzene	11.651	146	284179	4.60	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.436	75	12733	4.48	ug/L	97
69) 1,3,5-Trichlorobenzene	12.651	180	258030	4.64	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	205497	4.59	ug/L	100
71) Naphthalene	13.513	128	265187	4.39	ug/L	99
72) 1,2,3-Trichlorobenzene	13.754	180	177321	4.59	ug/L	98

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

