

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024082.D
 Acq On : 19 Dec 2021 10:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005282

Quant Time: Dec 20 01:31:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 18 01:42:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	111159	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	115859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71955	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25984	4.348	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.000%	
7) Chloroethane-d5	1.567	69	23322	4.678	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.108	63	62330	5.343	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	106.800%	
20) 2-Butanone-d5	3.908	46	42234	36.175	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.340%	
24) Chloroform-d	4.346	84	66775	4.933	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
26) 1,2-Dichloroethane-d4	5.030	65	30929	4.908	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
32) Benzene-d6	5.046	84	116569	5.080	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
36) 1,2-Dichloropropane-d6	6.066	67	33229	4.800	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.313	98	117226	5.674	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.400%	
43) trans-1,3-Dichloroprop...	7.619	79	14221	4.951	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.000%	
46) 2-Hexanone-d5	8.088	63	52408	40.761	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.520%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	25362	4.416	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	47018	4.892	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	50674	5.238	ug/L	100
3) Chloromethane	1.240	50	42948	5.196	ug/L	97
5) Vinyl chloride	1.310	62	48108	5.366	ug/L	99
6) Bromomethane	1.522	94	31340	5.501	ug/L	98
8) Chloroethane	1.584	64	31399	5.382	ug/L	97
9) Trichlorofluoromethane	1.754	101	90322	5.798	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	47650	5.807	ug/L	100
12) 1,1-Dichloroethene	2.117	96	43203	5.793	ug/L	92
13) Acetone	2.204	43	44679	47.834	ug/L	80
14) Carbon disulfide	2.294	76	107355	4.963	ug/L	98
15) Methyl Acetate	2.445	43	10471	4.625	ug/L	99
16) Methylene chloride	2.506	84	49279	5.051	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	92455	5.482	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	45548	5.517	ug/L	98
19) 1,1-Dichloroethane	3.185	63	81954	5.531	ug/L	100
21) 2-Butanone	3.992	43	63934	47.906	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	48670	5.569	ug/L	99
23) Bromochloromethane	4.246	128	22861	5.757	ug/L	93
25) Chloroform	4.371	83	92786	5.633	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	52214	5.851	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	88884	5.864	ug/L	99
30) Cyclohexane	4.673	56	62135	5.168	ug/L	97
31) Carbon tetrachloride	4.825	117	79992	5.614	ug/L	100
33) Benzene	5.095	78	185274	5.653	ug/L	100
34) Trichloroethene	5.908	95	48970	5.297	ug/L	98
35) Methylcyclohexane	6.127	83	71468	5.253	ug/L	98
37) 1,2-Dichloropropane	6.169	63	42231	5.421	ug/L	98
38) Bromodichloromethane	6.506	83	63091	5.717	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	63160	5.462	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	226421	60.506	ug/L	99
42) Toluene	7.384	91	211357	5.730	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	55471	5.549	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	32993	5.725	ug/L	99
47) Tetrachloroethene	7.972	164	45864	5.635	ug/L	98
48) 2-Hexanone	8.140	43	171571	63.231	ug/L	97
49) Dibromochloromethane	8.242	129	44199	5.637	ug/L	97
50) 1,2-Dibromoethane	8.349	107	31194	5.830	ug/L #	95
51) Chlorobenzene	8.879	112	139302	5.650	ug/L	99
52) Ethylbenzene	9.008	91	219458	5.639	ug/L	100
53) m,p-xylene	9.136	106	87981	5.716	ug/L	96
54) o-xylene	9.541	106	83728	5.625	ug/L	99
55) Styrene	9.558	104	149219	6.022	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	33787	5.354	ug/L	99
59) Bromoform	9.728	173	24124	5.224	ug/L	99
60) Isopropylbenzene	9.931	105	231202	5.472	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	26269	5.359	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	190698	5.441	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	194677	5.576	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	119113	5.513	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	118407	5.456	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	108525	5.482	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5569	5.202	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	94295	5.306	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	72085	5.165	ug/L	99
71) Naphthalene	13.499	128	100674	5.018	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	64959	5.272	ug/L	100

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

