

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011022\
 Data File : VW024323.D
 Acq On : 10 Jan 2022 15:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005297

Quant Time: Jan 11 02:04:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 11 01:51:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	102081	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	103582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33145	3.998	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.000%	
7) Chloroethane-d5	1.568	69	29756	4.566	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.111	63	71849	4.419	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.400%	
20) 2-Butanone-d5	3.915	46	60823m	56.436	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.880%	
24) Chloroform-d	4.342	84	79164	5.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.030	65	38375	5.223	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.400%	
32) Benzene-d6	5.043	84	140894	4.856	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
36) 1,2-Dichloropropane-d6	6.066	67	38599	5.118	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.310	98	139713	4.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
43) trans-1,3-Dichloroprop...	7.619	79	17006	4.923	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.400%	
46) 2-Hexanone-d5	8.088	63	60216	55.782	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.560%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	30008	5.468	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	56385	5.043	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	65798	5.132	ug/L	99
3) Chloromethane	1.243	50	44499	5.192	ug/L	99
5) Vinyl chloride	1.314	62	48913	5.177	ug/L	99
6) Bromomethane	1.523	94	31696	5.066	ug/L	97
8) Chloroethane	1.587	64	30677	5.162	ug/L	97
9) Trichlorofluoromethane	1.754	101	95353	5.095	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	50663	5.370	ug/L	99
12) 1,1-Dichloroethene	2.121	96	41601	5.159	ug/L	94
13) Acetone	2.217	43	56224m	54.252	ug/L	
14) Carbon disulfide	2.294	76	90611	4.781	ug/L	99
15) Methyl Acetate	2.445	43	8845	4.066	ug/L #	83
16) Methylene chloride	2.506	84	56711	4.591	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	99933	5.161	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	43038	5.013	ug/L	100
19) 1,1-Dichloroethane	3.188	63	82249	5.399	ug/L	99
21) 2-Butanone	3.998	43	68524m	48.762	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	49056	5.206	ug/L	95
23) Bromochloromethane	4.243	128	23339	5.571	ug/L	90
25) Chloroform	4.371	83	95786	5.256	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	52192	5.169	ug/L	95
29) 1,1,1-Trichloroethane	4.603	97	89802	5.066	ug/L	99
30) Cyclohexane	4.670	56	57366	5.133	ug/L	97
31) Carbon tetrachloride	4.821	117	82038	5.074	ug/L	100
33) Benzene	5.095	78	178267	5.222	ug/L	100
34) Trichloroethene	5.908	95	50182	5.252	ug/L	96
35) Methylcyclohexane	6.127	83	67312	5.050	ug/L	97
37) 1,2-Dichloropropane	6.169	63	42646	5.383	ug/L	97
38) Bromodichloromethane	6.506	83	66154	5.295	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	64697	5.358	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	224954	55.476	ug/L	97
42) Toluene	7.384	91	212475	5.405	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	58731	5.405	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	34837	5.404	ug/L	97
47) Tetrachloroethene	7.972	164	44934	5.041	ug/L	94
48) 2-Hexanone	8.140	43	172427	57.635	ug/L	99
49) Dibromochloromethane	8.242	129	47707	5.379	ug/L	97
50) 1,2-Dibromoethane	8.352	107	31381	5.369	ug/L	94
51) Chlorobenzene	8.879	112	143247	5.277	ug/L	96
52) Ethylbenzene	9.008	91	229381	5.316	ug/L	99
53) m,p-xylene	9.136	106	93459	5.409	ug/L	97
54) o-xylene	9.541	106	88078	5.214	ug/L	99
55) Styrene	9.558	104	158581	5.555	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	36496	5.575	ug/L	99
59) Bromoform	9.728	173	27140	5.055	ug/L	99
60) Isopropylbenzene	9.927	105	248829	5.241	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	26878	5.162	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	206323	5.067	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	216320	5.216	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	132363	5.252	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	133447	5.304	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	119529	5.241	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5492	4.814	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	106351	5.098	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	83040	5.066	ug/L	98
71) Naphthalene	13.500	128	108336	4.734	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	72659	5.143	ug/L	99

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

