

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123021\
 Data File : VW024233.D
 Acq On : 30 Dec 2021 09:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005289

Quant Time: Dec 31 03:48:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 31 03:39:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	81072	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	85777	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52826	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33380	5.474	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 109.400%	
7) Chloroethane-d5	1.564	69	26252	5.162	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 103.200%	
11) 1,1-Dichloroethene-d2	2.108	63	81206	5.479	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 109.600%	
20) 2-Butanone-d5	3.902	46	37890	55.938	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 111.880%	
24) Chloroform-d	4.342	84	68621	5.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 106.000%	
26) 1,2-Dichloroethane-d4	5.030	65	32583	5.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.400%	
32) Benzene-d6	5.047	84	123425	5.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 106.600%	
36) 1,2-Dichloropropane-d6	6.066	67	32098	5.059	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 101.200%	
41) Toluene-d8	7.310	98	124558	5.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 109.200%	
43) trans-1,3-Dichloroprop...	7.619	79	14693	5.469	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 109.400%	
46) 2-Hexanone-d5	8.088	63	52487	58.100	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 116.200%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25184	5.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 116.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	47400	5.162	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 103.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	106757	5.697	ug/L	100
3) Chloromethane	1.240	50	71174	5.026	ug/L	96
5) Vinyl chloride	1.307	62	78714	5.431	ug/L	99
6) Bromomethane	1.519	94	44906	4.856	ug/L	99
8) Chloroethane	1.584	64	47285	5.612	ug/L	98
9) Trichlorofluoromethane	1.751	101	138775	5.891	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	66226	5.857	ug/L	99
12) 1,1-Dichloroethene	2.114	96	64588	5.802	ug/L	89
13) Acetone	2.195	43	43243	44.983	ug/L	90
14) Carbon disulfide	2.291	76	198419	5.516	ug/L	99
15) Methyl Acetate	2.439	43	12138	5.085	ug/L	93
16) Methylene chloride	2.503	84	64127	5.390	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	127507	5.665	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	68087	5.759	ug/L	99
19) 1,1-Dichloroethane	3.185	63	108249	5.501	ug/L	99
21) 2-Butanone	3.979	43	73358	57.999	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	66428	5.678	ug/L	98
23) Bromochloromethane	4.243	128	31174	5.576	ug/L #	90
25) Chloroform	4.368	83	122750	5.582	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	69851	5.675	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	121592	5.621	ug/L	100
30) Cyclohexane	4.670	56	92678	5.760	ug/L	96
31) Carbon tetrachloride	4.821	117	115044	5.735	ug/L	99
33) Benzene	5.092	78	245778	5.462	ug/L	100
34) Trichloroethene	5.908	95	69797	5.497	ug/L	97
35) Methylcyclohexane	6.127	83	106358	5.784	ug/L	96
37) 1,2-Dichloropropane	6.169	63	55688	5.367	ug/L	99
38) Bromodichloromethane	6.506	83	82918	5.577	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	84328	5.607	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	274842	55.419	ug/L	97
42) Toluene	7.384	91	290471	5.784	ug/L	96
44) trans-1,3-Dichloropropene	7.648	75	74353	5.789	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	41995	5.459	ug/L	98
47) Tetrachloroethene	7.972	164	64972	5.751	ug/L	99
48) 2-Hexanone	8.140	43	202439	55.775	ug/L #	96
49) Dibromochloromethane	8.242	129	59108	5.713	ug/L	99
50) 1,2-Dibromoethane	8.349	107	39772	5.441	ug/L	98
51) Chlorobenzene	8.879	112	186320	5.600	ug/L	98
52) Ethylbenzene	9.008	91	309845	5.803	ug/L	100
53) m,p-xylene	9.136	106	124758	5.891	ug/L	98
54) o-xylene	9.541	106	119326	5.884	ug/L	100
55) Styrene	9.558	104	204760	5.993	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	42327	5.678	ug/L	99
59) Bromoform	9.731	173	33254	5.841	ug/L	97
60) Isopropylbenzene	9.931	105	326439	5.845	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	32787	5.246	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	273694	5.812	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	283574	5.908	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	164211	5.675	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	161654	5.637	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	145119	5.541	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7142	5.298	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	134496	5.837	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	102990	5.804	ug/L	97
71) Naphthalene	13.500	128	144159	5.472	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	92542	5.930	ug/L	98

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

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