

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032822\
 Data File : VW025286.D
 Acq On : 29 Mar 2022 01:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005355

Quant Time: Mar 29 05:17:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 29 04:58:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	140860	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	139575	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	54808	4.166	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.571	69	53644	4.858	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.200%	
11) 1,1-Dichloroethene-d2	2.114	63	123525	4.334	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.600%	
20) 2-Butanone-d5	3.889	46	76169	58.116	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.240%	
24) Chloroform-d	4.352	84	95404	5.556	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.200%	
26) 1,2-Dichloroethane-d4	5.034	65	40809	5.377	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.600%	
32) Benzene-d6	5.050	84	183289	5.191	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
36) 1,2-Dichloropropane-d6	6.069	67	51608	5.215	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.400%	
41) Toluene-d8	7.313	98	170686	5.270	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
43) trans-1,3-Dichloroprop...	7.622	79	16241	5.031	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.600%	
46) 2-Hexanone-d5	8.088	63	62949	53.988	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.980%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36312	5.503	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	59335	5.179	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	77053	5.477	ug/L	98
3) Chloromethane	1.243	50	78268	4.716	ug/L	100
5) Vinyl chloride	1.314	62	87637	4.728	ug/L	95
6) Bromomethane	1.526	94	51661	4.695	ug/L	99
8) Chloroethane	1.587	64	61877	5.320	ug/L	98
9) Trichlorofluoromethane	1.757	101	131870	5.263	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	71701	4.818	ug/L	99
12) 1,1-Dichloroethene	2.124	96	68459	4.827	ug/L	95
13) Acetone	2.185	43	56422	56.416	ug/L	80
14) Carbon disulfide	2.298	76	158672	5.401	ug/L	97
15) Methyl Acetate	2.439	43	14132	6.207	ug/L	97
16) Methylene chloride	2.510	84	61184	5.495	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	94519	5.268	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	56622	5.563	ug/L	98
19) 1,1-Dichloroethane	3.195	63	95761	5.636	ug/L	99
21) 2-Butanone	3.973	43	78839	57.289	ug/L	85
22) cis-1,2-Dichloroethene	3.915	96	58459	5.653	ug/L	95
23) Bromochloromethane	4.253	128	24972	5.789	ug/L	95
25) Chloroform	4.375	83	105467	5.594	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	53721	5.518	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	92420	5.476	ug/L	98
30) Cyclohexane	4.680	56	76447	5.065	ug/L	97
31) Carbon tetrachloride	4.831	117	79345	5.432	ug/L	100
33) Benzene	5.101	78	224544	5.484	ug/L	100
34) Trichloroethene	5.915	95	59010	5.249	ug/L	94
35) Methylcyclohexane	6.130	83	89741	5.095	ug/L	98
37) 1,2-Dichloropropane	6.175	63	51773	5.452	ug/L	100
38) Bromodichloromethane	6.510	83	66629	5.538	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	62953	5.112	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	201097	53.035	ug/L	98
42) Toluene	7.387	91	247990	5.674	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	48992	5.061	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	35752	5.498	ug/L	93
47) Tetrachloroethene	7.976	164	44746	5.398	ug/L	98
48) 2-Hexanone	8.137	43	148140	54.625	ug/L	99
49) Dibromochloromethane	8.246	129	39148	5.595	ug/L	95
50) 1,2-Dibromoethane	8.352	107	32548	5.373	ug/L #	100
51) Chlorobenzene	8.879	112	153594	5.442	ug/L	99
52) Ethylbenzene	9.011	91	253725	5.473	ug/L	98
53) m,p-Xylene	9.137	106	101265	5.617	ug/L	99
54) o-Xylene	9.542	106	95502	5.541	ug/L	98
55) Styrene	9.558	104	163134	5.756	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	36776	5.425	ug/L	99
59) Bromoform	9.731	173	16136	5.534	ug/L	98
60) Isopropylbenzene	9.931	105	253410	5.356	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	28447	5.270	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	107661	5.075	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	198208	5.237	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	118495	5.348	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	116942	5.270	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	106064	5.439	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	4787	4.953	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	83706	5.237	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	64241	5.327	ug/L	97
71) Naphthalene	13.500	128	93658	4.983	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	55391	5.331	ug/L	97

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

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