

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040722\
 Data File : VW025378.D
 Acq On : 07 Apr 2022 10:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005370

Quant Time: Apr 07 14:38:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 07 01:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	200285	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	187574	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93609	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67293	3.597	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.568	69	76816	4.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.111	63	153132	3.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	3.879	46	113987	61.166	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.340%
24) Chloroform-d	4.346	84	125698	5.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.031	65	55105	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.047	84	231238	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.066	67	68223	5.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.313	98	216123	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	7.619	79	22514	5.189	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.085	63	94398	60.243	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.480%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48208	5.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	78516	5.222	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	93683	4.683	ug/L	100
3) Chloromethane	1.243	50	95706	4.056	ug/L	99
5) Vinyl chloride	1.310	62	108013	4.099	ug/L	95
6) Bromomethane	1.523	94	75111	4.801	ug/L	100
8) Chloroethane	1.584	64	85455	5.167	ug/L	97
9) Trichlorofluoromethane	1.754	101	165236	4.638	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	94997	4.489	ug/L	98
12) 1,1-Dichloroethene	2.117	96	87944	4.361	ug/L	95
13) Acetone	2.172	43	80305	56.472	ug/L	79
14) Carbon disulfide	2.294	76	193525	4.633	ug/L	99
15) Methyl Acetate	2.433	43	17036	5.262	ug/L #	89
16) Methylene chloride	2.506	84	74395	4.699	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	138592	5.433	ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	74110	5.120	ug/L	98
19) 1,1-Dichloroethane	3.188	63	127648	5.283	ug/L	98
21) 2-Butanone	3.963	43	107747	55.065	ug/L	84
22) cis-1,2-Dichloroethene	3.908	96	78032	5.307	ug/L	97
23) Bromochloromethane	4.246	128	33017	5.383	ug/L	95
25) Chloroform	4.371	83	138225	5.156	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	70067	5.061	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	122503	5.401	ug/L	100
30) Cyclohexane	4.674	56	105554	5.204	ug/L	99
31) Carbon tetrachloride	4.825	117	104252	5.310	ug/L	100
33) Benzene	5.095	78	299582	5.445	ug/L	100
34) Trichloroethene	5.912	95	81701	5.408	ug/L	98
35) Methylcyclohexane	6.127	83	124290	5.250	ug/L	99
37) 1,2-Dichloropropane	6.169	63	70001	5.485	ug/L	99
38) Bromodichloromethane	6.506	83	89397	5.529	ug/L	95
39) cis-1,3-Dichloropropene	7.024	75	91322	5.518	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	283422	55.619	ug/L	98
42) Toluene	7.384	91	325840	5.548	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	71924	5.529	ug/L	95
45) 1,1,2-Trichloroethane	7.837	97	47652	5.453	ug/L	99
47) Tetrachloroethene	7.973	164	63107	5.665	ug/L	96
48) 2-Hexanone	8.136	43	203675	55.884	ug/L	98
49) Dibromochloromethane	8.243	129	54802	5.828	ug/L	98
50) 1,2-Dibromoethane	8.349	107	42544	5.226	ug/L #	95
51) Chlorobenzene	8.879	112	209561	5.525	ug/L	100
52) Ethylbenzene	9.008	91	348550	5.595	ug/L	99
53) m,p-Xylene	9.136	106	138101	5.700	ug/L	99
54) o-Xylene	9.542	106	134631	5.813	ug/L	99
55) Styrene	9.558	104	221203	5.808	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	48636	5.339	ug/L	97
59) Bromoform	9.731	173	24546	6.415	ug/L #	98
60) Isopropylbenzene	9.927	105	361366	5.821	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	37116	5.240	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	158732	5.702	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	289816	5.835	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	163129	5.610	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	160875	5.525	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	143934	5.625	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6237	4.918	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	121857	5.810	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	95001	6.003	ug/L	99
71) Naphthalene	13.500	128	140188	5.684	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	81840	6.002	ug/L	97

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

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