

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033123\
 Data File : VW030391.D
 Acq On : 31 Mar 2023 17:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005319

Quant Time: Apr 03 01:31:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	135023	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	131322	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	75321	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30983	3.465	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.535	69	32930	3.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.066	63	83021	3.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	3.828	46	106964	46.277	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.560%
24) Chloroform-d	4.262	84	93020	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	4.953	65	44863	4.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	4.973	84	143491	3.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	5.998	67	46141	3.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.252	98	131233	3.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.561	79	17734	4.066	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.037	63	87805	50.094	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.180%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	43340	4.746	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	60615	4.503	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	78919	4.598	ug/L	100
3) Chloromethane	1.217	50	96064	4.435	ug/L	100
5) Vinyl chloride	1.285	62	72007	4.560	ug/L	99
6) Bromomethane	1.490	94	21378	4.747	ug/L	99
8) Chloroethane	1.555	64	42736	4.725	ug/L	100
9) Trichlorofluoromethane	1.719	101	113487	4.930	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	60285	4.745	ug/L	99
12) 1,1-Dichloroethene	2.076	96	55240	4.896	ug/L	84
13) Acetone	2.162	43	97257	44.002	ug/L	82
14) Carbon disulfide	2.246	76	171851	4.624	ug/L	100
15) Methyl Acetate	2.394	43	20737	5.250	ug/L	92
16) Methylene chloride	2.455	84	58556	4.388	ug/L	97
17) Methyl tert-butyl Ether	2.715	73	116408	4.872	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	54615	4.595	ug/L	99
19) 1,1-Dichloroethane	3.121	63	108990	4.730	ug/L	98
21) 2-Butanone	3.912	43	125351	45.058	ug/L	100
22) cis-1,2-Dichloroethene	3.825	96	58591	4.912	ug/L	# 96
23) Bromochloromethane	4.159	128	27264	4.894	ug/L	95
25) Chloroform	4.288	83	114412	4.914	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	69268	4.920	ug/L	97
29) 1,1,1-Trichloroethane	4.522	97	106061	5.025	ug/L	100
30) Cyclohexane	4.593	56	90324	4.697	ug/L	98
31) Carbon tetrachloride	4.744	117	93420	4.878	ug/L	98
33) Benzene	5.021	78	232076	4.975	ug/L	100
34) Trichloroethene	5.841	95	61092	4.856	ug/L	99
35) Methylcyclohexane	6.059	83	92798	4.700	ug/L	98
37) 1,2-Dichloropropane	6.104	63	58728	4.904	ug/L	100
38) Bromodichloromethane	6.442	83	76131	4.855	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	78879	4.684	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	319027	50.560	ug/L	98
42) Toluene	7.323	91	256198	5.157	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	68271	4.765	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	41315	4.900	ug/L	98
47) Tetrachloroethene	7.915	164	54311	4.892	ug/L	97
48) 2-Hexanone	8.088	43	243587	51.546	ug/L	99
49) Dibromochloromethane	8.185	129	49246	4.907	ug/L	99
50) 1,2-Dibromoethane	8.291	107	37764	4.923	ug/L	100
51) Chlorobenzene	8.821	112	159040	5.000	ug/L	100
52) Ethylbenzene	8.956	91	267530	4.922	ug/L	98
53) m,p-Xylene	9.082	106	103584	4.978	ug/L	100
54) o-Xylene	9.487	106	99765	5.011	ug/L	100
55) Styrene	9.503	104	173031	5.117	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	47903	4.787	ug/L	97
59) Bromoform	9.673	173	29317	4.816	ug/L	99
60) Isopropylbenzene	9.876	105	272870	4.912	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	32957	4.894	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	215325	4.751	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	224385	4.858	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	140112	5.058	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	139721	5.007	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	123871	4.963	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	7601	4.538	ug/L	96
69) 1,3,5-Trichlorobenzene	12.593	180	105640	4.953	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	79845	4.849	ug/L	97
71) Naphthalene	13.448	128	107290	4.562	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	69823	4.895	ug/L	98

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

