

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021324\
 Data File : VW034165.D
 Acq On : 13 Feb 2024 20:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005351

Quant Time: Feb 14 01:47:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 14 01:41:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	78982	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	72808	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	39113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	21517	3.518	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.535	69	20182	3.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.060	65	10505	3.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.802	46	40325	39.252	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.500%
24) Chloroform-d	4.252	84	47606	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	4.947	65	22593	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	4.963	84	85166	3.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	5.989	67	22877	3.747	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.000%
41) Toluene-d8	7.243	98	80162	3.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	7.554	79	9322	4.043	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.024	63	29226	35.508	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.020%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	13965	3.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	29119	4.094	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	35362	4.886	ug/L	97
3) Chloromethane	1.217	50	35213	4.460	ug/L	99
5) Vinyl chloride	1.285	62	35967	4.768	ug/L	88
6) Bromomethane	1.490	94	20262	5.100	ug/L	99
8) Chloroethane	1.552	64	23075	4.483	ug/L	98
9) Trichlorofluoromethane	1.715	101	60939	5.605	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	31304	5.508	ug/L	99
12) 1,1-Dichloroethene	2.072	96	28695	5.201	ug/L	92
13) Acetone	2.130	43	34247	43.941	ug/L #	34
14) Carbon disulfide	2.243	76	77078	4.318	ug/L	100
15) Methyl Acetate	2.384	43	8405	4.557	ug/L	94
16) Methylene chloride	2.449	84	29359	5.546	ug/L	94
17) Methyl tert-butyl Ether	2.703	73	56378	4.973	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	26837	4.775	ug/L	100
19) 1,1-Dichloroethane	3.114	63	51008	4.939	ug/L	98
21) 2-Butanone	3.883	43	44498	43.205	ug/L #	43
22) cis-1,2-Dichloroethene	3.818	96	29241	4.586	ug/L	99
23) Bromochloromethane	4.149	128	11807	5.327	ug/L	87
25) Chloroform	4.275	83	53800	5.154	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	31662	5.297	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	52517	5.373	ug/L	98
30) Cyclohexane	4.584	56	42252	4.445	ug/L	93
31) Carbon tetrachloride	4.738	117	48045	5.617	ug/L	99
33) Benzene	5.011	78	107750	4.934	ug/L	100
34) Trichloroethene	5.834	95	30285	4.792	ug/L	95
35) Methylcyclohexane	6.050	83	46420	4.679	ug/L	97
37) 1,2-Dichloropropane	6.095	63	24521	4.635	ug/L	98
38) Bromodichloromethane	6.432	83	35711	5.143	ug/L	96
39) cis-1,3-Dichloropropene	6.956	75	38404	4.771	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	115259	45.502	ug/L	99
42) Toluene	7.313	91	118644	5.083	ug/L	96
44) trans-1,3-Dichloropropene	7.583	75	30665	4.962	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	15844	4.851	ug/L	96
47) Tetrachloroethene	7.905	164	24883	4.845	ug/L	98
48) 2-Hexanone	8.075	43	81749	45.784	ug/L	99
49) Dibromochloromethane	8.175	129	19644	5.061	ug/L	98
50) 1,2-Dibromoethane	8.284	107	14140	4.823	ug/L #	92
51) Chlorobenzene	8.812	112	75303	5.103	ug/L	100
52) Ethylbenzene	8.947	91	135876	5.058	ug/L	100
53) m,p-Xylene	9.072	106	51871	5.109	ug/L	98
54) o-Xylene	9.477	106	49445	5.051	ug/L	95
55) Styrene	9.493	104	81735	5.215	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.178	83	16449	4.771	ug/L	98
59) Bromoform	9.664	173	9964	4.624	ug/L	96
60) Isopropylbenzene	9.866	105	140391	4.851	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	12630	4.697	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	119487	4.884	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	115867	4.874	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	63400	5.024	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	61578	4.928	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	54363	5.016	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	2463	4.371	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	50124	5.133	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	38797	5.089	ug/L	99
71) Naphthalene	13.438	128	47871	4.792	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	31795	5.205	ug/L	99

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

