

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021424\
 Data File : VW034167.D
 Acq On : 14 Feb 2024 08:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005352

Quant Time: Feb 15 01:24:09 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	78230	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37240	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	25266	4.170	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.536	69	22135	4.171	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.060	65	12661	4.333	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.799	46	42189	41.462	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.920%
24) Chloroform-d	4.246	84	52207	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.944	65	24592	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	4.960	84	91914	4.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	5.989	67	25601	4.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.243	98	85748	4.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.555	79	10188	4.474	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.024	63	30616	37.663	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.320%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15026	4.110	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	29379	4.338	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	38110	5.316	ug/L	100
3) Chloromethane	1.217	50	38138	4.877	ug/L	97
5) Vinyl chloride	1.285	62	38344	5.131	ug/L	89
6) Bromomethane	1.491	94	21348	5.425	ug/L	99
8) Chloroethane	1.552	64	24086	4.725	ug/L	100
9) Trichlorofluoromethane	1.716	101	64443	5.985	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	33476	5.947	ug/L	99
12) 1,1-Dichloroethene	2.069	96	30230	5.531	ug/L	98
13) Acetone	2.130	43	36533	47.325	ug/L #	36
14) Carbon disulfide	2.243	76	82674	4.675	ug/L	100
15) Methyl Acetate	2.384	43	7484	4.096	ug/L	97
16) Methylene chloride	2.449	84	27062	5.161	ug/L	96
17) Methyl tert-butyl Ether	2.703	73	59239	5.276	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	28602	5.138	ug/L	94
19) 1,1-Dichloroethane	3.111	63	54171	5.296	ug/L	95
21) 2-Butanone	3.883	43	44119	43.248	ug/L #	52
22) cis-1,2-Dichloroethene	3.815	96	30674	4.857	ug/L	97
23) Bromochloromethane	4.153	128	12005	5.468	ug/L	87
25) Chloroform	4.275	83	56220	5.437	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	32927	5.562	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	56550	5.858	ug/L	99
30) Cyclohexane	4.584	56	46230	4.924	ug/L	97
31) Carbon tetrachloride	4.735	117	49804	5.896	ug/L	99
33) Benzene	5.008	78	113018	5.240	ug/L	100
34) Trichloroethene	5.834	95	31503	5.047	ug/L	92
35) Methylcyclohexane	6.047	83	49457	5.048	ug/L	96
37) 1,2-Dichloropropane	6.092	63	26778	5.126	ug/L	99
38) Bromodichloromethane	6.432	83	37052	5.403	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	40005	5.033	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	115311	46.093	ug/L	99
42) Toluene	7.313	91	122215	5.302	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	32270	5.287	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	16631	5.156	ug/L	91
47) Tetrachloroethene	7.905	164	25743	5.076	ug/L	98
48) 2-Hexanone	8.076	43	80939	45.899	ug/L	97
49) Dibromochloromethane	8.175	129	20606	5.375	ug/L	99
50) 1,2-Dibromoethane	8.284	107	15040	5.194	ug/L	95
51) Chlorobenzene	8.812	112	79230	5.436	ug/L	98
52) Ethylbenzene	8.944	91	143524	5.409	ug/L	99
53) m,p-Xylene	9.072	106	55074	5.493	ug/L	97
54) o-Xylene	9.477	106	51949	5.373	ug/L	97
55) Styrene	9.497	104	84843	5.481	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	16099	4.728	ug/L	98
59) Bromoform	9.667	173	10714	5.223	ug/L	98
60) Isopropylbenzene	9.866	105	148858	5.402	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	12091	4.723	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	124630	5.350	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	121605	5.372	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	66116	5.503	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	64889	5.454	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	55623	5.391	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2739	5.105	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	51941	5.586	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	39358	5.422	ug/L	99
71) Naphthalene	13.439	128	45278	4.761	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	31573	5.429	ug/L	99

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

