

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022724\
 Data File : VW034456.D
 Acq On : 27 Feb 2024 17:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005374

Quant Time: Feb 28 03:59:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 28 03:52:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	146663	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	142209	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	73532	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34160	4.012	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.532	69	31473	4.186	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.056	65	16297	4.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	3.812	46	128292	57.635	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.280%
24) Chloroform-d	4.253	84	80338	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	4.944	65	43906	5.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	4.963	84	139811	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	5.992	67	43234	4.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.243	98	125470	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.558	79	17799	5.002	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.027	63	109490	54.414	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.820%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	37929	5.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	51453	4.606	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	46757	5.051	ug/L	97
3) Chloromethane	1.214	50	53858	4.902	ug/L	99
5) Vinyl chloride	1.282	62	54729	5.038	ug/L	100
6) Bromomethane	1.487	94	29065	4.713	ug/L	98
8) Chloroethane	1.548	64	35085	4.565	ug/L	99
9) Trichlorofluoromethane	1.712	101	88308	4.993	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	48027	5.035	ug/L	100
12) 1,1-Dichloroethene	2.069	96	45643	4.969	ug/L	86
13) Acetone	2.143	43	100807	44.526	ug/L	96
14) Carbon disulfide	2.240	76	127004	5.161	ug/L	98
15) Methyl Acetate	2.391	43	20915	5.386	ug/L	96
16) Methylene chloride	2.446	84	52664	5.020	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	128965	5.401	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	48181	5.158	ug/L	98
19) 1,1-Dichloroethane	3.111	63	94623	5.264	ug/L	100
21) 2-Butanone	3.892	43	135735	54.612	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	53706	5.229	ug/L	99
23) Bromochloromethane	4.153	128	23261	5.433	ug/L	97
25) Chloroform	4.278	83	97941	5.245	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	62946	5.524	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	87311	4.908	ug/L	99
30) Cyclohexane	4.584	56	71661	4.683	ug/L	97
31) Carbon tetrachloride	4.738	117	75308	4.878	ug/L	98
33) Benzene	5.011	78	193024	4.904	ug/L	100
34) Trichloroethene	5.834	95	52589	5.117	ug/L	100
35) Methylcyclohexane	6.050	83	78007	4.834	ug/L	97
37) 1,2-Dichloropropane	6.095	63	49666	5.105	ug/L	99
38) Bromodichloromethane	6.436	83	65868	4.968	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	73192	5.428	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	336177	55.856	ug/L	99
42) Toluene	7.317	91	211595	5.117	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	62224	5.683	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	35237	5.325	ug/L	99
47) Tetrachloroethene	7.905	164	40156	4.980	ug/L	96
48) 2-Hexanone	8.075	43	237385	55.376	ug/L	99
49) Dibromochloromethane	8.175	129	40467	5.252	ug/L	99
50) 1,2-Dibromoethane	8.284	107	32900	5.315	ug/L	99
51) Chlorobenzene	8.815	112	136299	5.074	ug/L	99
52) Ethylbenzene	8.947	91	236909	5.087	ug/L	100
53) m,p-Xylene	9.072	106	86637	5.005	ug/L	98
54) o-Xylene	9.477	106	86260	4.992	ug/L	96
55) Styrene	9.497	104	146227	5.262	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	41645	5.260	ug/L	98
59) Bromoform	9.667	173	19853	5.288	ug/L	98
60) Isopropylbenzene	9.866	105	225877	5.132	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	31290	5.515	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	197329	5.137	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	196577	5.109	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	113143	5.292	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	110376	5.202	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	104320	5.206	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	7651	5.338	ug/L	99
69) 1,3,5-Trichlorobenzene	12.583	180	83432	5.086	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	75089	5.244	ug/L	97
71) Naphthalene	13.439	128	135106	5.522	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	67678	5.277	ug/L	98

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

