

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034432.D
 Acq On : 27 Feb 2024 01:07
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005372

Quant Time: Feb 27 05:12:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 05:05:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	137076	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	131308	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	71059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40442	5.082	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.600%	
7) Chloroethane-d5	1.532	69	35062	4.989	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.800%	
11) 1,1-Dichloroethene-d2	2.060	65	18408	4.970	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.400%	
20) 2-Butanone-d5	3.805	46	124907	60.039	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.080%	
24) Chloroform-d	4.252	84	88981	5.570	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.400%	
26) 1,2-Dichloroethane-d4	4.947	65	45661	5.616	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.400%	
32) Benzene-d6	4.960	84	153671	5.202	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.000%	
36) 1,2-Dichloropropane-d6	5.989	67	45422	5.150	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.243	98	139194	5.255	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
43) trans-1,3-Dichloroprop...	7.558	79	17766	5.407	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	108.200%	
46) 2-Hexanone-d5	8.024	63	110138	59.281	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	118.560%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	38529	5.519	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	56151	5.201	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	45929	5.308	ug/L	97
3) Chloromethane	1.214	50	52387	5.102	ug/L	98
5) Vinyl chloride	1.281	62	53360	5.256	ug/L	100
6) Bromomethane	1.487	94	25417	4.410	ug/L	97
8) Chloroethane	1.548	64	35790	4.982	ug/L	100
9) Trichlorofluoromethane	1.712	101	88584	5.359	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	47968	5.381	ug/L	98
12) 1,1-Dichloroethene	2.069	96	44170	5.145	ug/L	93
13) Acetone	2.134	43	97514	46.084	ug/L	99
14) Carbon disulfide	2.240	76	122099	5.308	ug/L	99
15) Methyl Acetate	2.384	43	20563	5.665	ug/L	99
16) Methylene chloride	2.445	84	57049	5.818	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	123934	5.553	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	47410	5.430	ug/L	96
19) 1,1-Dichloroethane	3.111	63	93048	5.538	ug/L	98
21) 2-Butanone	3.883	43	128073	55.133	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	52290	5.447	ug/L	97
23) Bromochloromethane	4.153	128	22522	5.628	ug/L	95
25) Chloroform	4.278	83	95939	5.498	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	60972	5.725	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	84947	5.172	ug/L	98
30) Cyclohexane	4.584	56	72433	5.127	ug/L	99
31) Carbon tetrachloride	4.735	117	73179	5.133	ug/L	100
33) Benzene	5.011	78	191305	5.264	ug/L	100
34) Trichloroethene	5.834	95	51768	5.455	ug/L	100
35) Methylcyclohexane	6.050	83	74369	4.992	ug/L	100
37) 1,2-Dichloropropane	6.095	63	46893	5.220	ug/L	99
38) Bromodichloromethane	6.436	83	63666	5.201	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	66580	5.348	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	321186	57.796	ug/L	100
42) Toluene	7.317	91	204528	5.357	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	56780	5.616	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	33927	5.552	ug/L	99
47) Tetrachloroethene	7.905	164	39283	5.276	ug/L	95
48) 2-Hexanone	8.075	43	225390	56.943	ug/L	98
49) Dibromochloromethane	8.178	129	38906	5.469	ug/L	99
50) 1,2-Dibromoethane	8.284	107	32455	5.678	ug/L	99
51) Chlorobenzene	8.815	112	131924	5.319	ug/L	99
52) Ethylbenzene	8.947	91	230288	5.356	ug/L	99
53) m,p-Xylene	9.072	106	85846	5.371	ug/L	96
54) o-Xylene	9.477	106	85899	5.383	ug/L	95
55) Styrene	9.497	104	142899	5.569	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	41151	5.630	ug/L	94
59) Bromoform	9.667	173	18128	4.997	ug/L	97
60) Isopropylbenzene	9.866	105	218504	5.137	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	30263	5.519	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	191786	5.166	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	192020	5.165	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	110358	5.342	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	104807	5.112	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	101314	5.231	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	7276	5.253	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	77874	4.913	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	71855	5.193	ug/L	99
71) Naphthalene	13.439	128	124868	5.281	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	64338	5.191	ug/L	99

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

