

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022824\
 Data File : VW034458.D
 Acq On : 28 Feb 2024 09:23
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005375

Quant Time: Feb 28 10:01:21 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	138286	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	130436	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	67974	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	38276	4.768	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.400%	
7) Chloroethane-d5	1.532	69	34943	4.929	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.600%	
11) 1,1-Dichloroethene-d2	2.056	65	18372	4.917	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.400%	
20) 2-Butanone-d5	3.815	46	130253	62.061	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.120%	
24) Chloroform-d	4.249	84	89073	5.527	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.600%	
26) 1,2-Dichloroethane-d4	4.944	65	46215	5.635	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.600%	
32) Benzene-d6	4.960	84	152004	5.180	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
36) 1,2-Dichloropropane-d6	5.989	67	47046	5.370	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.400%	
41) Toluene-d8	7.243	98	136404	5.184	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.600%	
43) trans-1,3-Dichloroprop...	7.558	79	18815	5.764	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	115.200%	
46) 2-Hexanone-d5	8.027	63	110299	59.764	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	119.520%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	39457	5.690	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	55162	5.341	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	47409	5.431	ug/L	96
3) Chloromethane	1.214	50	54974	5.307	ug/L	99
5) Vinyl chloride	1.281	62	56391	5.505	ug/L	98
6) Bromomethane	1.487	94	29538	5.080	ug/L	99
8) Chloroethane	1.548	64	35393	4.884	ug/L	98
9) Trichlorofluoromethane	1.712	101	91427	5.483	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	49965	5.556	ug/L	99
12) 1,1-Dichloroethene	2.066	96	45939	5.305	ug/L	93
13) Acetone	2.143	43	103698	48.578	ug/L	99
14) Carbon disulfide	2.236	76	127456	5.493	ug/L	99
15) Methyl Acetate	2.388	43	20685	5.649	ug/L	95
16) Methylene chloride	2.445	84	51170	5.173	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	126681	5.627	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	47889	5.437	ug/L	98
19) 1,1-Dichloroethane	3.111	63	94351	5.567	ug/L	100
21) 2-Butanone	3.896	43	131996	56.324	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	52998	5.472	ug/L	93
23) Bromochloromethane	4.153	128	22504	5.574	ug/L	97
25) Chloroform	4.278	83	97557	5.541	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	62584	5.825	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	86009	5.271	ug/L	99
30) Cyclohexane	4.580	56	75839	5.404	ug/L	100
31) Carbon tetrachloride	4.735	117	75600	5.339	ug/L	100
33) Benzene	5.011	78	193497	5.360	ug/L	100
34) Trichloroethene	5.834	95	51223	5.434	ug/L	97
35) Methylcyclohexane	6.047	83	79791	5.391	ug/L	99
37) 1,2-Dichloropropane	6.095	63	47859	5.363	ug/L	98
38) Bromodichloromethane	6.436	83	66780	5.491	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	70834	5.728	ug/L	96
40) 4-Methyl-2-pentanone	7.159	43	319502	57.877	ug/L	99
42) Toluene	7.317	91	209838	5.533	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	59986	5.973	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	34031	5.607	ug/L	97
47) Tetrachloroethene	7.905	164	39830	5.386	ug/L	98
48) 2-Hexanone	8.079	43	236386	60.121	ug/L	99
49) Dibromochloromethane	8.178	129	40310	5.704	ug/L	98
50) 1,2-Dibromoethane	8.284	107	32829	5.782	ug/L	100
51) Chlorobenzene	8.815	112	135818	5.513	ug/L	98
52) Ethylbenzene	8.947	91	234433	5.488	ug/L	100
53) m,p-Xylene	9.072	106	88949	5.603	ug/L	96
54) o-Xylene	9.477	106	86791	5.476	ug/L	99
55) Styrene	9.497	104	145495	5.708	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	40123	5.526	ug/L	97
59) Bromoform	9.667	173	19713	5.680	ug/L	98
60) Isopropylbenzene	9.866	105	224341	5.514	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	31290	5.966	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	195304	5.500	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	197728	5.560	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	110447	5.589	ug/L	95
65) 1,4-Dichlorobenzene	11.210	146	108156	5.515	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	100733	5.438	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	7381	5.570	ug/L	85
69) 1,3,5-Trichlorobenzene	12.583	180	81534	5.377	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	71502	5.402	ug/L	97
71) Naphthalene	13.442	128	129802	5.739	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	63865	5.387	ug/L	100

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

