

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020924\
 Data File : VW034097.D
 Acq On : 09 Feb 2024 08:47
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

Quant Time: Feb 09 13:39:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 03:48:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	75033	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	69633	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29815	5.131	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.600%	
7) Chloroethane-d5	1.532	69	23935	4.702	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.056	65	13216	4.716	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.400%	
20) 2-Butanone-d5	3.822	46	41309	42.326	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.660%	
24) Chloroform-d	4.249	84	50230	4.757	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	4.947	65	24482	4.961	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	4.960	84	94391	4.518	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	5.989	67	24870	4.259	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.200%	
41) Toluene-d8	7.243	98	89298	4.651	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
43) trans-1,3-Dichloroprop...	7.558	79	10307	4.674	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.400%	
46) 2-Hexanone-d5	8.031	63	35337	44.890	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.780%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15362	4.339	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	29962	4.576	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	35176	5.116	ug/L	100
3) Chloromethane	1.214	50	37644	5.019	ug/L	100
5) Vinyl chloride	1.282	62	37031	5.167	ug/L	92
6) Bromomethane	1.487	94	20334	5.387	ug/L	98
8) Chloroethane	1.548	64	23215	4.748	ug/L	98
9) Trichlorofluoromethane	1.712	101	59767	5.787	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	29985	5.554	ug/L	99
12) 1,1-Dichloroethene	2.069	96	29109	5.553	ug/L	95
13) Acetone	2.150	43	32953	44.506	ug/L #	34
14) Carbon disulfide	2.240	76	80989	4.775	ug/L	99
15) Methyl Acetate	2.394	43	7446	4.249	ug/L #	88
16) Methylene chloride	2.449	84	29621	5.890	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	60067	5.577	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	28010	5.246	ug/L	98
19) 1,1-Dichloroethane	3.111	63	52371	5.338	ug/L	96
21) 2-Butanone	3.905	43	45431	46.432	ug/L #	62
22) cis-1,2-Dichloroethene	3.818	96	28321	4.676	ug/L	96
23) Bromochloromethane	4.150	128	12085	5.739	ug/L	93
25) Chloroform	4.278	83	54251	5.471	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	32462	5.717	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	52039	5.566	ug/L	99
30) Cyclohexane	4.580	56	43099	4.740	ug/L	95
31) Carbon tetrachloride	4.735	117	45774	5.596	ug/L	99
33) Benzene	5.008	78	108619	5.201	ug/L	100
34) Trichloroethene	5.834	95	30885	5.110	ug/L	99
35) Methylcyclohexane	6.050	83	46731	4.925	ug/L	96
37) 1,2-Dichloropropane	6.095	63	24219	4.787	ug/L	98
38) Bromodichloromethane	6.432	83	35758	5.384	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	37159	4.827	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	126526	52.228	ug/L	99
42) Toluene	7.317	91	117470	5.263	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	28758	4.866	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	16438	5.262	ug/L	96
47) Tetrachloroethene	7.905	164	23727	4.831	ug/L	97
48) 2-Hexanone	8.079	43	87089	50.999	ug/L	97
49) Dibromochloromethane	8.178	129	20596	5.548	ug/L	99
50) 1,2-Dibromoethane	8.284	107	15413	5.497	ug/L	96
51) Chlorobenzene	8.815	112	74708	5.294	ug/L	99
52) Ethylbenzene	8.947	91	135652	5.280	ug/L	99
53) m,p-Xylene	9.072	106	50933	5.246	ug/L	99
54) o-Xylene	9.477	106	49711	5.310	ug/L	98
55) Styrene	9.497	104	81511	5.437	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	17072	5.178	ug/L	99
59) Bromoform	9.667	173	10687	5.388	ug/L	99
60) Isopropylbenzene	9.866	105	137793	5.172	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	12840	5.187	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	117949	5.237	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	113638	5.193	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	61272	5.274	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	61799	5.373	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	53481	5.361	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.368	75	3059	5.897	ug/L	88
69) 1,3,5-Trichlorobenzene	12.583	180	47367	5.269	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	37695	5.371	ug/L	96
71) Naphthalene	13.442	128	52237	5.681	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	31518	5.605	ug/L	99

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

