

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034070.D
 Acq On : 08 Feb 2024 19:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005344

Quant Time: Feb 09 00:46:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 00:39:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	95585	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	89518	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	47659	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37325	5.042	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.800%	
7) Chloroethane-d5	1.532	69	29490	4.548	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.000%	
11) 1,1-Dichloroethene-d2	2.060	65	16336	4.576	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.600%	
20) 2-Butanone-d5	3.806	46	63923	51.415	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.820%	
24) Chloroform-d	4.252	84	65349	4.858	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	4.947	65	31792	5.057	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	4.963	84	122811	4.573	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	5.992	67	33734	4.493	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.800%	
41) Toluene-d8	7.246	98	113632	4.604	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
43) trans-1,3-Dichloroprop...	7.558	79	14055	4.958	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.200%	
46) 2-Hexanone-d5	8.027	63	55271	54.617	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.240%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	22255	4.890	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	40898	4.719	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	44671	5.100	ug/L	99
3) Chloromethane	1.214	50	48273	5.052	ug/L	98
5) Vinyl chloride	1.282	62	46156	5.055	ug/L	91
6) Bromomethane	1.487	94	25003	5.200	ug/L	99
8) Chloroethane	1.548	64	28459	4.569	ug/L	96
9) Trichlorofluoromethane	1.712	101	69681	5.296	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	36740	5.342	ug/L	99
12) 1,1-Dichloroethene	2.069	96	34971	5.237	ug/L	98
13) Acetone	2.130	43	49079	52.034	ug/L #	36
14) Carbon disulfide	2.240	76	100042	4.630	ug/L	99
15) Methyl Acetate	2.384	43	11975	5.364	ug/L	97
16) Methylene chloride	2.449	84	34781	5.429	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	82141	5.987	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	34823	5.120	ug/L	96
19) 1,1-Dichloroethane	3.114	63	67641	5.412	ug/L	97
21) 2-Butanone	3.886	43	69133	55.464	ug/L #	48
22) cis-1,2-Dichloroethene	3.818	96	38080	4.935	ug/L	95
23) Bromochloromethane	4.153	128	15649	5.834	ug/L	86
25) Chloroform	4.281	83	68867	5.451	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	41133	5.686	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	64253	5.346	ug/L	99
30) Cyclohexane	4.584	56	56160	4.805	ug/L	96
31) Carbon tetrachloride	4.738	117	54645	5.196	ug/L	97
33) Benzene	5.011	78	141245	5.261	ug/L	100
34) Trichloroethene	5.834	95	38736	4.985	ug/L	98
35) Methylcyclohexane	6.050	83	59183	4.852	ug/L	97
37) 1,2-Dichloropropane	6.098	63	33684	5.179	ug/L	98
38) Bromodichloromethane	6.436	83	45346	5.311	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	51832	5.238	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	185495	59.560	ug/L	99
42) Toluene	7.317	91	151859	5.292	ug/L	96
44) trans-1,3-Dichloropropene	7.584	75	41175	5.419	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	22226	5.534	ug/L	98
47) Tetrachloroethene	7.905	164	30121	4.771	ug/L	96
48) 2-Hexanone	8.079	43	127311	57.992	ug/L	99
49) Dibromochloromethane	8.178	129	26152	5.480	ug/L	98
50) 1,2-Dibromoethane	8.288	107	21382	5.932	ug/L #	99
51) Chlorobenzene	8.815	112	95873	5.284	ug/L	99
52) Ethylbenzene	8.947	91	171995	5.207	ug/L	99
53) m,p-Xylene	9.075	106	65968	5.285	ug/L	99
54) o-Xylene	9.481	106	63973	5.315	ug/L	98
55) Styrene	9.497	104	106429	5.523	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	25107	5.923	ug/L	99
59) Bromoform	9.670	173	13907	5.297	ug/L	99
60) Isopropylbenzene	9.870	105	176238	4.998	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	18727	5.716	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	148259	4.973	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	146367	5.053	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	78745	5.121	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	77623	5.098	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	70799	5.361	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	4229	6.159	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	59878	5.032	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	48830	5.257	ug/L	100
71) Naphthalene	13.442	128	73873	6.069	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	42481	5.707	ug/L	99

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

