

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040824\
 Data File : VW035041.D
 Acq On : 08 Apr 2024 09:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050320

Quant Time: Apr 08 12:08:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	410884	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	393921	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	203809	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	180864	45.579	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.160%
7) Chloroethane-d5	1.532	69	164653	47.773	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.540%
11) 1,1-Dichloroethene-d2	2.059	65	79506	45.708	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.420%
21) 2-Butanone-d5	3.789	46	223493	94.965	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.970%
24) Chloroform-d	4.246	84	321280	48.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.320%
26) 1,2-Dichloroethane-d4	4.937	65	197128	46.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.080%
32) Benzene-d6	4.956	84	633954	47.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.820%
36) 1,2-Dichloropropane-d6	5.985	67	203300	48.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.760%
41) Toluene-d8	7.239	98	575591	48.302	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.548	79	95435	46.720	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.440%
47) 2-Hexanone-d5	8.024	63	134480	84.651	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.650%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	275239	47.568	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.140%
66) 1,2-Dichlorobenzene-d4	11.557	152	215313	47.053	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	134124	45.039	ug/L	100
3) Chloromethane	1.217	50	166714	43.546	ug/L	98
5) Vinyl chloride	1.285	62	179340	44.684	ug/L	98
6) Bromomethane	1.490	94	115384	38.353	ug/L	100
8) Chloroethane	1.548	64	135982	49.609	ug/L	97
9) Trichlorofluoromethane	1.712	101	251261	47.698	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	160625	49.818	ug/L	98
12) 1,1-Dichloroethene	2.069	96	141005	45.726	ug/L	95
13) Acetone	2.124	43	277764	128.558	ug/L	98
14) Carbon disulfide	2.240	76	373812	43.046	ug/L	99
15) Methyl Acetate	2.375	43	184103	54.071	ug/L	98
16) Methylene chloride	2.445	84	171662	51.376	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	146878	49.265	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	544056	51.954	ug/L	98
19) 1,1-Dichloroethane	3.108	63	324346	53.051	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	172972	51.092	ug/L	98
22) 2-Butanone	3.870	43	287712	114.756	ug/L	97
23) Bromochloromethane	4.143	128	86928	51.320	ug/L	97
25) Chloroform	4.272	83	316639	52.384	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	254031	52.784	ug/L	100
29) Cyclohexane	4.580	56	255686	51.823	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	263928	51.400	ug/L	99
31) Carbon tetrachloride	4.731	117	229133	52.648	ug/L	98
33) Benzene	5.005	78	655338	51.018	ug/L	100
34) Trichloroethene	5.831	95	170429	49.163	ug/L	99
35) Methylcyclohexane	6.046	83	270446	51.657	ug/L	98
37) 1,2-Dichloropropane	6.088	63	190251	53.595	ug/L	100
38) Bromodichloromethane	6.429	83	242990	53.053	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	298326	53.348	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	503716	111.140	ug/L	97
42) Toluene	7.313	91	700690	52.104	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	278786	54.265	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	176257	52.679	ug/L	99
46) Tetrachloroethene	7.902	164	128403	53.017	ug/L	98
48) 2-Hexanone	8.072	43	433196	112.380	ug/L	98
49) Dibromochloromethane	8.172	129	180345	54.422	ug/L	99
50) 1,2-Dibromoethane	8.278	107	183966	51.071	ug/L	97
51) Chlorobenzene	8.812	112	453714	52.055	ug/L	99
52) Ethylbenzene	8.943	91	778032	52.202	ug/L	100
53) m,p-Xylene	9.069	106	286291	52.160	ug/L	99
54) o-Xylene	9.474	106	286988	52.845	ug/L	97
55) Styrene	9.493	104	496515	54.102	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	296602	54.713	ug/L	99
59) Bromoform	9.660	173	135363	57.956	ug/L	99
60) Isopropylbenzene	9.863	105	784075	53.364	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	229036	51.860	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	513257	53.787	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	643465	54.541	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	363584	52.952	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	374837	53.682	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	373112	54.548	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	63072	51.837	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	272802	55.127	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	247458	54.439	ug/L	100
71) Naphthalene	13.435	128	629726	49.933	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	242063	54.023	ug/L	100

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

