

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031524\
 Data File : VW034664.D
 Acq On : 15 Mar 2024 19:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050292

Quant Time: Mar 16 01:20:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 00:58:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	359985	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	335088	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	173497	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	108891	34.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.780%
7) Chloroethane-d5	1.532	69	96813	39.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.640%
11) 1,1-Dichloroethene-d2	2.060	65	53174	37.677	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.360%
21) 2-Butanone-d5	3.793	46	207619	99.485	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.490%
24) Chloroform-d	4.249	84	237192	42.987	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.980%
26) 1,2-Dichloroethane-d4	4.941	65	155415	43.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.200%
32) Benzene-d6	4.960	84	434939	43.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.020%
36) 1,2-Dichloropropane-d6	5.989	67	136010	44.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.140%
41) Toluene-d8	7.243	98	393410	42.987	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.980%
43) trans-1,3-Dichloroprop...	7.551	79	64309	41.494	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.980%
47) 2-Hexanone-d5	8.024	63	148329	96.245	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.240%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	198327	48.831	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.660%
66) 1,2-Dichlorobenzene-d4	11.561	152	157085	44.295	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	156252	41.381	ug/L	98
3) Chloromethane	1.214	50	154269	41.578	ug/L	99
5) Vinyl chloride	1.282	62	153551	42.634	ug/L	100
6) Bromomethane	1.487	94	95104	44.011	ug/L	99
8) Chloroethane	1.548	64	94285	44.044	ug/L	99
9) Trichlorofluoromethane	1.712	101	231132	42.854	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	128176	44.093	ug/L	98
12) 1,1-Dichloroethene	2.069	96	116998	43.404	ug/L	96
13) Acetone	2.127	43	158489	63.173	ug/L	98
14) Carbon disulfide	2.240	76	330674	44.202	ug/L	99
15) Methyl Acetate	2.375	43	164695	51.313	ug/L	99
16) Methylene chloride	2.445	84	136964	47.902	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	120264	46.096	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	457793	48.861	ug/L	99
19) 1,1-Dichloroethane	3.111	63	244741	47.886	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	134002	47.338	ug/L	95
22) 2-Butanone	3.876	43	204827	82.678	ug/L	94
23) Bromochloromethane	4.146	128	70202	47.959	ug/L	98
25) Chloroform	4.275	83	247718	46.763	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	198278	46.069	ug/L	99
29) Cyclohexane	4.580	56	199075	45.167	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	222848	46.377	ug/L	99
31) Carbon tetrachloride	4.735	117	194126	45.631	ug/L	99
33) Benzene	5.008	78	493596	47.456	ug/L	100
34) Trichloroethene	5.831	95	130602	44.174	ug/L	96
35) Methylcyclohexane	6.050	83	201659	44.866	ug/L	99
37) 1,2-Dichloropropane	6.092	63	132401	48.621	ug/L	99
38) Bromodichloromethane	6.432	83	182855	47.738	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	205666	46.615	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	415739	103.536	ug/L	98
42) Toluene	7.313	91	518640	47.115	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	201435	47.471	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	131076	49.887	ug/L	99
46) Tetrachloroethene	7.905	164	98373	44.740	ug/L	99
48) 2-Hexanone	8.075	43	324984	101.569	ug/L	99
49) Dibromochloromethane	8.175	129	136053	49.069	ug/L	97
50) 1,2-Dibromoethane	8.281	107	137101	49.174	ug/L	99
51) Chlorobenzene	8.812	112	332542	46.729	ug/L	99
52) Ethylbenzene	8.944	91	584226	47.366	ug/L	99
53) m,p-Xylene	9.072	106	219207	46.833	ug/L	98
54) o-Xylene	9.477	106	216210	47.173	ug/L	99
55) Styrene	9.493	104	373445	48.123	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	204620	51.851	ug/L	100
59) Bromoform	9.664	173	93857	48.793	ug/L	100
60) Isopropylbenzene	9.866	105	588166	47.933	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	169760	51.258	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	493116	47.640	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	492509	48.109	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	267703	47.186	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	267217	46.381	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	270396	47.563	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	48374	49.034	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	191237	44.932	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	170057	44.405	ug/L	98
71) Naphthalene	13.439	128	434944	42.458	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	171780	45.979	ug/L	100

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

