

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042224\
 Data File : VW035345.D
 Acq On : 22 Apr 2024 19:53
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050334

Quant Time: Apr 23 00:34:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	413424	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	415378	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	231455	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	197987	49.588	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.180%
7) Chloroethane-d5	1.532	69	159827	46.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.180%
11) 1,1-Dichloroethene-d2	2.060	65	81883	46.785	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.580%
21) 2-Butanone-d5	3.793	46	215327	90.933	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.930%
24) Chloroform-d	4.246	84	342213	50.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.960%
26) 1,2-Dichloroethane-d4	4.940	65	204496	47.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.960%
32) Benzene-d6	4.957	84	681411	48.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
36) 1,2-Dichloropropane-d6	5.985	67	210232	47.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.900%
41) Toluene-d8	7.239	98	633138	50.386	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.780%
43) trans-1,3-Dichloroprop...	7.551	79	97892	45.448	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.900%
47) 2-Hexanone-d5	8.024	63	133808	79.878	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.880%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	300481	49.248	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.500%
66) 1,2-Dichlorobenzene-d4	11.558	152	244870	47.121	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	113312	37.816	ug/L	99
3) Chloromethane	1.214	50	136466	35.426	ug/L	100
5) Vinyl chloride	1.285	62	154800	38.333	ug/L	99
6) Bromomethane	1.490	94	84378	27.874	ug/L	100
8) Chloroethane	1.548	64	111982	40.602	ug/L	98
9) Trichlorofluoromethane	1.712	101	227718	42.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	151680	46.755	ug/L	97
12) 1,1-Dichloroethene	2.069	96	129403	41.706	ug/L	97
13) Acetone	2.124	43	174404	80.224	ug/L	100
14) Carbon disulfide	2.240	76	297263	34.021	ug/L	100
15) Methyl Acetate	2.375	43	184633	53.894	ug/L	98
16) Methylene chloride	2.445	84	175860	52.309	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	143351	47.787	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	543515	51.584	ug/L	100
19) 1,1-Dichloroethane	3.111	63	328053	53.328	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	178550	52.416	ug/L	96
22) 2-Butanone	3.873	43	238568	94.570	ug/L	96
23) Bromochloromethane	4.146	128	95967	56.309	ug/L	93
25) Chloroform	4.275	83	341157	56.093	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	254781	52.614	ug/L	97
29) Cyclohexane	4.580	56	211457	40.645	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	279128	51.552	ug/L	98
31) Carbon tetrachloride	4.735	117	238907	52.059	ug/L	99
33) Benzene	5.008	78	663822	49.009	ug/L	100
34) Trichloroethene	5.831	95	173971	47.592	ug/L	98
35) Methylcyclohexane	6.050	83	239572	43.396	ug/L	99
37) 1,2-Dichloropropane	6.092	63	194003	51.828	ug/L	98
38) Bromodichloromethane	6.429	83	256240	53.056	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	291374	49.413	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	480453	100.531	ug/L	97
42) Toluene	7.313	91	719359	50.729	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	280901	51.852	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	199212	56.464	ug/L	99
46) Tetrachloroethene	7.902	164	134351	52.608	ug/L	96
48) 2-Hexanone	8.072	43	403864	99.359	ug/L	96
49) Dibromochloromethane	8.175	129	194675	55.712	ug/L	98
50) 1,2-Dibromoethane	8.278	107	204529	53.846	ug/L	98
51) Chlorobenzene	8.812	112	503344	54.766	ug/L	98
52) Ethylbenzene	8.944	91	800132	50.911	ug/L	99
53) m,p-Xylene	9.069	106	299277	51.709	ug/L	99
54) o-Xylene	9.477	106	297945	52.028	ug/L	98
55) Styrene	9.493	104	542766	56.087	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	333504	58.342	ug/L	98
59) Bromoform	9.664	173	146226	55.129	ug/L	98
60) Isopropylbenzene	9.866	105	822180	49.274	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	251620	50.169	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	530547	48.958	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	663229	49.501	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	413162	52.985	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	431118	54.368	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	431159	55.505	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	66790	48.336	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	305083	54.287	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	284180	55.050	ug/L	99
71) Naphthalene	13.435	128	605798	42.298	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	278357	54.703	ug/L	99

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

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