

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042424\
 Data File : VW035399.D
 Acq On : 24 Apr 2024 20:15
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050338

Quant Time: Apr 25 02:03:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:57:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	435833	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	440985	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	219504	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	170102	40.413	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.820%
7) Chloroethane-d5	1.529	69	112793	30.853	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.700%#
11) 1,1-Dichloroethene-d2	2.047	65	74400	40.324	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.640%
21) 2-Butanone-d5	3.802	46	250527	100.359	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.360%
24) Chloroform-d	4.246	84	348063	49.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.360%
26) 1,2-Dichloroethane-d4	4.937	65	212977	47.402	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.800%
32) Benzene-d6	4.953	84	664099	44.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.660%
36) 1,2-Dichloropropane-d6	5.986	67	213877	45.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.940%
41) Toluene-d8	7.240	98	612385	45.905	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.551	79	101868	44.547	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.100%
47) 2-Hexanone-d5	8.037	63	152512	85.756	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.760%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	317934	49.083	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.160%
66) 1,2-Dichlorobenzene-d4	11.561	152	232453	47.167	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	175366	55.516	ug/L	99
3) Chloromethane	1.214	50	182225	44.873	ug/L	100
5) Vinyl chloride	1.282	62	190862	44.833	ug/L	98
6) Bromomethane	1.487	94	103248	32.354	ug/L	100
8) Chloroethane	1.542	64	79794	27.444	ug/L	100
9) Trichlorofluoromethane	1.696	101	180267	32.262	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.057	101	158766	46.423	ug/L	96
12) 1,1-Dichloroethene	2.057	96	140152	42.848	ug/L	97
13) Acetone	2.134	43	183932	80.256	ug/L	98
14) Carbon disulfide	2.227	76	401109	43.545	ug/L	100
15) Methyl Acetate	2.378	43	191496	53.023	ug/L	96
16) Methylene chloride	2.439	84	189152	53.370	ug/L	96
17) trans-1,2-Dichloroethene	2.687	96	153854	48.651	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	542566	48.846	ug/L	100
19) 1,1-Dichloroethane	3.105	63	325095	50.130	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	176780	49.228	ug/L	93
22) 2-Butanone	3.886	43	238201	89.570	ug/L	96
23) Bromochloromethane	4.143	128	98124	54.614	ug/L	90
25) Chloroform	4.272	83	329232	51.349	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	250453	49.061	ug/L	96
29) Cyclohexane	4.574	56	238310	43.147	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	278908	48.521	ug/L	98
31) Carbon tetrachloride	4.728	117	240121	49.285	ug/L	99
33) Benzene	5.005	78	686737	47.757	ug/L	100
34) Trichloroethene	5.828	95	174190	44.885	ug/L	97
35) Methylcyclohexane	6.043	83	261271	44.578	ug/L	98
37) 1,2-Dichloropropane	6.088	63	192579	48.461	ug/L	98
38) Bromodichloromethane	6.429	83	252411	49.229	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	294222	46.999	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	472446	93.116	ug/L	98
42) Toluene	7.310	91	732465	48.653	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	274847	47.788	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	194687	51.978	ug/L	98
46) Tetrachloroethene	7.902	164	137263	50.627	ug/L	96
48) 2-Hexanone	8.088	43	388425	90.011	ug/L	98
49) Dibromochloromethane	8.175	129	202431	54.568	ug/L	99
50) 1,2-Dibromoethane	8.281	107	204090	50.611	ug/L	99
51) Chlorobenzene	8.812	112	518234	53.112	ug/L	99
52) Ethylbenzene	8.944	91	803379	48.150	ug/L	99
53) m,p-Xylene	9.072	106	303924	49.463	ug/L	97
54) o-Xylene	9.477	106	297192	48.883	ug/L	99
55) Styrene	9.497	104	521636	50.773	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	311309	51.297	ug/L	99
59) Bromoform	9.667	173	159684	63.481	ug/L	99
60) Isopropylbenzene	9.866	105	801232	50.633	ug/L	99
61) 1,2,3-Trichloropropane	10.211	75	241054	50.679	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	632697	61.563	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	624951	49.184	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	368672	49.854	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	406113	54.003	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	401750	54.535	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	57794	44.103	ug/L	84
69) 1,3,5-Trichlorobenzene	12.580	180	248041	46.540	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	206949	42.272	ug/L	99
71) Naphthalene	13.439	128	441893	32.534	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	203758	42.223	ug/L	99

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

