

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032924\
 Data File : VW034895.D
 Acq On : 29 Mar 2024 08:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050310

Quant Time: Mar 29 13:42:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 00:23:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	383488	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	377053	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	199847	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	161750	43.674	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.340%
7) Chloroethane-d5	1.535	69	147020	45.704	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.059	65	72927	44.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.840%
21) 2-Butanone-d5	3.789	46	163946	74.640	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.640%
24) Chloroform-d	4.246	84	274359	44.061	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.120%
26) 1,2-Dichloroethane-d4	4.937	65	165741	41.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.840%
32) Benzene-d6	4.956	84	540177	42.650	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.300%
36) 1,2-Dichloropropane-d6	5.985	67	168206	41.823	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.640%
41) Toluene-d8	7.239	98	502645	44.067	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.140%
43) trans-1,3-Dichloroprop...	7.548	79	76842	39.301	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.600%
47) 2-Hexanone-d5	8.024	63	105381	69.302	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.300%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	230588	41.634	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.260%
66) 1,2-Dichlorobenzene-d4	11.557	152	186300	41.520	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	129227	46.494	ug/L	99
3) Chloromethane	1.217	50	144483	40.435	ug/L	98
5) Vinyl chloride	1.285	62	165399	44.154	ug/L	99
6) Bromomethane	1.490	94	110712	39.429	ug/L	100
8) Chloroethane	1.551	64	120880	47.249	ug/L	98
9) Trichlorofluoromethane	1.715	101	246972	50.233	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	152119	50.550	ug/L	98
12) 1,1-Dichloroethene	2.072	96	135370	47.035	ug/L	88
13) Acetone	2.124	43	154197	76.465	ug/L	100
14) Carbon disulfide	2.243	76	330167	40.736	ug/L	100
15) Methyl Acetate	2.375	43	138696	43.645	ug/L	98
16) Methylene chloride	2.449	84	149768	48.025	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	132273	47.536	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	458637	46.926	ug/L	100
19) 1,1-Dichloroethane	3.111	63	273469	47.925	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	153278	48.509	ug/L	95
22) 2-Butanone	3.870	43	188163	80.412	ug/L	98
23) Bromochloromethane	4.146	128	78705	49.785	ug/L	92
25) Chloroform	4.272	83	280977	49.805	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	213081	47.438	ug/L	99
29) Cyclohexane	4.580	56	204875	43.382	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	235568	47.930	ug/L	99
31) Carbon tetrachloride	4.735	117	203516	48.854	ug/L	99
33) Benzene	5.008	78	580085	47.180	ug/L	100
34) Trichloroethene	5.831	95	156366	47.124	ug/L	98
35) Methylcyclohexane	6.046	83	229039	45.705	ug/L	98
37) 1,2-Dichloropropane	6.088	63	160329	47.186	ug/L	99
38) Bromodichloromethane	6.429	83	211844	48.322	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	238588	44.574	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	384501	88.632	ug/L	99
42) Toluene	7.310	91	627563	48.753	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	224760	45.706	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	157407	49.150	ug/L	99
46) Tetrachloroethene	7.902	164	114451	49.371	ug/L	98
48) 2-Hexanone	8.072	43	315976	85.638	ug/L	99
49) Dibromochloromethane	8.172	129	159261	50.210	ug/L	100
50) 1,2-Dibromoethane	8.278	107	165395	47.969	ug/L	99
51) Chlorobenzene	8.812	112	407241	48.814	ug/L	99
52) Ethylbenzene	8.943	91	702702	49.257	ug/L	99
53) m,p-Xylene	9.069	106	262213	49.910	ug/L	99
54) o-Xylene	9.474	106	255555	49.162	ug/L	97
55) Styrene	9.493	104	451004	51.341	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	249362	48.057	ug/L	99
59) Bromoform	9.660	173	115465	50.417	ug/L	98
60) Isopropylbenzene	9.863	105	699039	48.520	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	201241	46.470	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	458854	49.040	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	569167	49.200	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	329276	48.906	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	339823	49.632	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	332114	49.517	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	53464	44.812	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	242616	49.999	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	212202	47.608	ug/L	99
71) Naphthalene	13.438	128	468846	37.914	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	203789	46.383	ug/L	100

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

