

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041924\
 Data File : VW035296.D
 Acq On : 19 Apr 2024 10:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050330

Quant Time: Apr 19 22:24:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	443865	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	433379	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	229537	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	164560	38.389	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.780%		
7) Chloroethane-d5	1.532	69	153606	41.256	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.520%		
11) 1,1-Dichloroethene-d2	2.059	65	69371	36.918	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.840%		
21) 2-Butanone-d5	3.786	46	240275	94.510	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.510%		
24) Chloroform-d	4.246	84	337569	46.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.680%		
26) 1,2-Dichloroethane-d4	4.937	65	205334	44.874	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.740%		
32) Benzene-d6	4.956	84	632893	43.476	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.960%		
36) 1,2-Dichloropropane-d6	5.985	67	206481	44.667	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.340%		
41) Toluene-d8	7.239	98	575422	43.891	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.780%		
43) trans-1,3-Dichloroprop...	7.548	79	94990	42.268	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.540%		
47) 2-Hexanone-d5	8.021	63	152097	87.024	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.020%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	303814	47.726	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.460%		
66) 1,2-Dichlorobenzene-d4	11.557	152	228729	44.382	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.760%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	132239	41.106	ug/L	99
3) Chloromethane	1.217	50	160454	38.797	ug/L	100
5) Vinyl chloride	1.285	62	175119	40.390	ug/L	98
6) Bromomethane	1.490	94	110276	33.931	ug/L	98
8) Chloroethane	1.548	64	127701	43.126	ug/L	98
9) Trichlorofluoromethane	1.712	101	249986	43.930	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	162010	46.514	ug/L	98
12) 1,1-Dichloroethene	2.069	96	140114	42.061	ug/L	96
13) Acetone	2.121	43	273782	117.299	ug/L	99
14) Carbon disulfide	2.243	76	353218	37.652	ug/L	100
15) Methyl Acetate	2.375	43	203127	55.226	ug/L	99
16) Methylene chloride	2.445	84	201057	55.702	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	156440	48.574	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	596343	52.716	ug/L	99
19) 1,1-Dichloroethane	3.111	63	353848	53.576	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	195562	53.473	ug/L	96
22) 2-Butanone	3.866	43	302591	111.723	ug/L	99
23) Bromochloromethane	4.143	128	101316	55.370	ug/L	94
25) Chloroform	4.272	83	361904	55.423	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	274189	52.739	ug/L	98
29) Cyclohexane	4.580	56	249275	45.924	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	298795	52.893	ug/L	99
31) Carbon tetrachloride	4.731	117	254407	53.133	ug/L	100
33) Benzene	5.005	78	723649	51.207	ug/L	100
34) Trichloroethene	5.831	95	191183	50.128	ug/L	98
35) Methylcyclohexane	6.046	83	280423	48.686	ug/L	99
37) 1,2-Dichloropropane	6.088	63	210887	53.999	ug/L	99
38) Bromodichloromethane	6.429	83	272637	54.106	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	307354	49.958	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	528905	106.073	ug/L	100
42) Toluene	7.310	91	777515	52.552	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	300646	53.192	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	207571	56.390	ug/L	99
46) Tetrachloroethene	7.902	164	145652	54.664	ug/L	97
48) 2-Hexanone	8.069	43	446039	105.177	ug/L	97
49) Dibromochloromethane	8.172	129	203212	55.739	ug/L	100
50) 1,2-Dibromoethane	8.278	107	214744	54.187	ug/L	99
51) Chlorobenzene	8.812	112	521887	54.425	ug/L	99
52) Ethylbenzene	8.943	91	866028	52.816	ug/L	99
53) m,p-Xylene	9.069	106	325581	53.917	ug/L	100
54) o-Xylene	9.474	106	321621	53.830	ug/L	97
55) Styrene	9.493	104	574223	56.872	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	341567	57.271	ug/L	98
59) Bromoform	9.660	173	150755	57.312	ug/L	98
60) Isopropylbenzene	9.863	105	884465	53.449	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	260399	52.353	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	573214	53.338	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	716999	53.962	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	419972	54.309	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	432684	55.021	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	436098	56.610	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	64471	47.048	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	314573	56.443	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	278715	54.443	ug/L	99
71) Naphthalene	13.435	128	659624	46.441	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	276017	54.697	ug/L	99

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

