

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051624\
 Data File : VW035618.D
 Acq On : 16 May 2024 09:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050363

Quant Time: May 17 01:49:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 14 01:24:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	476027	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	481195	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	263215	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	148770	40.532	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.060%		
7) Chloroethane-d5	1.526	69	130002	48.063	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.120%		
11) 1,1-Dichloroethene-d2	2.053	65	66441	42.169	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.340%		
21) 2-Butanone-d5	3.783	46	215538	87.010	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.010%		
24) Chloroform-d	4.240	84	329463	48.936	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.880%		
26) 1,2-Dichloroethane-d4	4.934	65	196219	49.490	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.980%		
32) Benzene-d6	4.953	84	612644	45.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.460%		
36) 1,2-Dichloropropane-d6	5.982	67	199065	47.137	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.280%		
41) Toluene-d8	7.239	98	569501	46.193	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.380%		
43) trans-1,3-Dichloroprop...	7.548	79	89887	43.671	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.340%		
47) 2-Hexanone-d5	8.021	63	160633	82.771	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.770%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	283626	44.075	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.140%		
66) 1,2-Dichlorobenzene-d4	11.558	152	226561	43.324	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	163424	51.245	ug/L	100
3) Chloromethane	1.214	50	171936	49.767	ug/L	99
5) Vinyl chloride	1.282	62	186072	51.143	ug/L	99
6) Bromomethane	1.484	94	116731	50.462	ug/L	98
8) Chloroethane	1.542	64	126542	60.492	ug/L	99
9) Trichlorofluoromethane	1.709	101	262266	53.582	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	171222	55.189	ug/L	99
12) 1,1-Dichloroethene	2.066	96	144653	52.197	ug/L	82
13) Acetone	2.114	43	309345	134.891	ug/L	99
14) Carbon disulfide	2.236	76	350083	48.087	ug/L	99
15) Methyl Acetate	2.368	43	183081	49.214	ug/L	99
16) Methylene chloride	2.442	84	183182	52.167	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	152419	52.034	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	534079	51.844	ug/L	99
19) 1,1-Dichloroethane	3.105	63	330876	53.794	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	178231	51.159	ug/L	98
22) 2-Butanone	3.860	43	295858	108.979	ug/L	100
23) Bromochloromethane	4.140	128	99174	52.050	ug/L	98
25) Chloroform	4.269	83	350530	55.213	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	253304	55.751	ug/L	99
29) Cyclohexane	4.577	56	212650	49.496	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	289629	52.593	ug/L	100
31) Carbon tetrachloride	4.728	117	253498	53.238	ug/L	99
33) Benzene	5.002	78	691408	53.209	ug/L	100
34) Trichloroethene	5.828	95	199325	57.643	ug/L	99
35) Methylcyclohexane	6.047	83	251772	51.612	ug/L	98
37) 1,2-Dichloropropane	6.088	63	197978	55.454	ug/L	99
38) Bromodichloromethane	6.426	83	261739	53.289	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	284431	50.751	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	491439	103.122	ug/L	98
42) Toluene	7.310	91	742556	54.471	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	279630	52.528	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	205476	53.814	ug/L	99
46) Tetrachloroethene	7.902	164	144083	51.589	ug/L	99
48) 2-Hexanone	8.069	43	424543	109.488	ug/L	99
49) Dibromochloromethane	8.172	129	208060	52.056	ug/L	100
50) 1,2-Dibromoethane	8.278	107	208121	52.171	ug/L	99
51) Chlorobenzene	8.809	112	490374	51.819	ug/L	99
52) Ethylbenzene	8.944	91	789073	53.579	ug/L	99
53) m,p-Xylene	9.069	106	303645	55.578	ug/L	100
54) o-Xylene	9.474	106	294189	53.438	ug/L	99
55) Styrene	9.490	104	550654	57.873	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	287068	43.941	ug/L	99
59) Bromoform	9.661	173	163302	47.966	ug/L	100
60) Isopropylbenzene	9.863	105	800478	52.663	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	258769	49.004	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	631041	51.874	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	651849	53.438	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	406082	51.594	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	417724	50.297	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	415765	50.490	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	69676	44.803	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	302353	50.610	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	257889	49.002	ug/L	100
71) Naphthalene	13.435	128	681831	46.224	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	284044	51.996	ug/L	99

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

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