

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031924\
 Data File : VW034719.D
 Acq On : 19 Mar 2024 00:42
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050295

Quant Time: Mar 19 03:00:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 02:53:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	351671	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	337475	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	173881	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	161788	53.069	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 106.140%		
7) Chloroethane-d5	1.529	69	125876	52.998	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 106.000%		
11) 1,1-Dichloroethene-d2	2.057	65	69047	50.080	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 100.160%		
21) 2-Butanone-d5	3.790	46	205116	100.610	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 100.610%		
24) Chloroform-d	4.246	84	274370	50.901	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 101.800%		
26) 1,2-Dichloroethane-d4	4.937	65	178234	50.600	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 101.200%		
32) Benzene-d6	4.957	84	527764	51.817	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 103.640%		
36) 1,2-Dichloropropane-d6	5.986	67	158790	51.086	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 102.180%		
41) Toluene-d8	7.240	98	476502	51.698	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 103.400%		
43) trans-1,3-Dichloroprop...	7.551	79	80487	51.565	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 103.120%		
47) 2-Hexanone-d5	8.024	63	132306	85.241	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 85.240%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	214425	52.421	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 104.840%		
66) 1,2-Dichlorobenzene-d4	11.558	152	180432	50.766	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 101.540%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	143644	38.941	ug/L	98
3) Chloromethane	1.214	50	140002	38.625	ug/L	100
5) Vinyl chloride	1.285	62	144111	40.959	ug/L	99
6) Bromomethane	1.487	94	90627	42.930	ug/L	98
8) Chloroethane	1.545	64	92833	44.391	ug/L	99
9) Trichlorofluoromethane	1.712	101	224779	42.661	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	123258	43.404	ug/L	98
12) 1,1-Dichloroethene	2.069	96	113319	43.033	ug/L	93
13) Acetone	2.121	43	150801	61.529	ug/L	98
14) Carbon disulfide	2.240	76	284062	38.869	ug/L	98
15) Methyl Acetate	2.372	43	162651	51.874	ug/L	98
16) Methylene chloride	2.446	84	138800	49.691	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	115987	45.507	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	474863	51.881	ug/L	99
19) 1,1-Dichloroethane	3.108	63	252699	50.612	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	139067	50.288	ug/L	95
22) 2-Butanone	3.870	43	211070	87.212	ug/L	99
23) Bromochloromethane	4.146	128	72482	50.688	ug/L	96
25) Chloroform	4.275	83	258870	50.023	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	208993	49.707	ug/L	98
29) Cyclohexane	4.580	56	187726	42.291	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	227629	47.037	ug/L	99
31) Carbon tetrachloride	4.735	117	196554	45.875	ug/L	99
33) Benzene	5.008	78	505875	48.293	ug/L	100
34) Trichloroethene	5.831	95	135298	45.438	ug/L	96
35) Methylcyclohexane	6.050	83	188907	41.731	ug/L	99
37) 1,2-Dichloropropane	6.092	63	141738	51.682	ug/L	100
38) Bromodichloromethane	6.429	83	193983	50.285	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	216341	48.688	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	428511	105.962	ug/L	98
42) Toluene	7.314	91	541044	48.802	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	215080	50.329	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	138202	52.228	ug/L	99
46) Tetrachloroethene	7.905	164	100111	45.208	ug/L	99
48) 2-Hexanone	8.072	43	339421	105.331	ug/L	99
49) Dibromochloromethane	8.175	129	145312	52.038	ug/L	99
50) 1,2-Dibromoethane	8.278	107	144350	51.407	ug/L	99
51) Chlorobenzene	8.812	112	353628	49.340	ug/L	99
52) Ethylbenzene	8.944	91	608913	49.018	ug/L	99
53) m,p-Xylene	9.072	106	229873	48.765	ug/L	97
54) o-Xylene	9.477	106	225853	48.929	ug/L	98
55) Styrene	9.493	104	397066	50.805	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	215136	54.130	ug/L	99
59) Bromoform	9.664	173	103682	53.782	ug/L	99
60) Isopropylbenzene	9.866	105	630548	51.273	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	179161	53.978	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	526893	50.791	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	533186	51.968	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	287025	50.480	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	290363	50.287	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	291798	51.214	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	51963	52.555	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	205992	48.292	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	188574	49.131	ug/L	97
71) Naphthalene	13.435	128	511420	49.813	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	190782	50.953	ug/L	100

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

