

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042624\
 Data File : VW035420.D
 Acq On : 26 Apr 2024 11:11
 Operator : SY/MD
 Sample : VSTD20045
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200245

Quant Time: Apr 27 00:04:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:01:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	563395	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	572544	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	319625	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	903519	199.552	ug/L	0.00
7) Chloroethane-d5	1.526	69	402327	155.089	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	368628	199.201	ug/L	0.00
21) 2-Butanone-d5	3.783	46	993148	429.958	ug/L	0.00
24) Chloroform-d	4.243	84	1504108	197.420	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	895739	201.850	ug/L	0.00
32) Benzene-d6	4.953	84	3035423	201.743	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	936473	201.730	ug/L	0.00
41) Toluene-d8	7.239	98	2840957	209.489	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	487920	224.679	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	693538	529.618	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	1319596	199.441	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	1136302	203.200	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	782570	188.932	ug/L	99
3) Chloromethane	1.214	50	778138	185.133	ug/L	99
5) Vinyl chloride	1.282	62	871769	196.611	ug/L	100
6) Bromomethane	1.484	94	492853	189.789	ug/L	99
8) Chloroethane	1.542	64	299250	152.882	ug/L	99
9) Trichlorofluoromethane	1.703	101	1131544	188.944	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	714734	190.493	ug/L	99
12) 1,1-Dichloroethene	2.063	96	640574	192.440	ug/L	94
13) Acetone	2.117	43	1052533	381.701	ug/L	98
14) Carbon disulfide	2.233	76	1777574	192.249	ug/L	100
15) Methyl Acetate	2.371	43	800693	191.468	ug/L	98
16) Methylene chloride	2.442	84	796939	189.300	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	710040	198.409	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	2555893	212.050	ug/L	100
19) 1,1-Dichloroethane	3.105	63	1443167	194.813	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	859389	213.460	ug/L	99
22) 2-Butanone	3.863	43	1268895	414.959	ug/L	94
23) Bromochloromethane	4.137	128	437336	195.207	ug/L	97
25) Chloroform	4.269	83	1475507	192.694	ug/L	100
27) 1,2-Dichloroethane	5.034	62	1111647	197.689	ug/L	100
29) Cyclohexane	4.577	56	1154119	219.192	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	1253806	192.492	ug/L	98
31) Carbon tetrachloride	4.728	117	1093979	192.238	ug/L	100
33) Benzene	5.005	78	3032999	197.969	ug/L	100
34) Trichloroethene	5.828	95	826883	199.004	ug/L	99
35) Methylcyclohexane	6.047	83	1291145	214.765	ug/L	98
37) 1,2-Dichloropropane	6.088	63	852137	199.230	ug/L	100
38) Bromodichloromethane	6.426	83	1132017	196.001	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	1458471	230.388	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	2199466	430.616	ug/L	98
42) Toluene	7.310	91	3266925	203.491	ug/L	98
44) trans-1,3-Dichloropropene	7.574	75	1349234	222.026	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	862236	193.045	ug/L	99
46) Tetrachloroethene	7.902	164	648638	198.991	ug/L	100
48) 2-Hexanone	8.075	43	1801661	418.483	ug/L	97
49) Dibromochloromethane	8.172	129	927620	203.159	ug/L	98
50) 1,2-Dibromoethane	8.278	107	909176	200.082	ug/L	99
51) Chlorobenzene	8.809	112	2228975	196.892	ug/L	99
52) Ethylbenzene	8.940	91	3766344	214.694	ug/L	98
53) m,p-Xylene	9.069	106	1446671	217.897	ug/L	99
54) o-Xylene	9.474	106	1447724	223.000	ug/L	97
55) Styrene	9.490	104	2535203	226.438	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	1408911	194.051	ug/L	100
59) Bromoform	9.661	173	772105	203.474	ug/L	100
60) Isopropylbenzene	9.863	105	3904214	212.914	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	1100796	183.998	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	3325158	225.092	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	3371522	233.111	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	1918091	201.921	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	1925894	193.291	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	1883348	195.684	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	296216	218.851	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	1457382	216.534	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	1289588	241.361	ug/L	99
71) Naphthalene	13.432	128	3155696	272.711	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	1241120	238.392	ug/L	100

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

