

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031424\
 Data File : VW034615.D
 Acq On : 14 Mar 2024 19:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050289

Quant Time: Mar 15 03:40:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 03:33:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	300771	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	281343	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	149006	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	138537	53.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 106.260%	
7) Chloroethane-d5	1.532	69	113399	55.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 111.660%	
11) 1,1-Dichloroethene-d2	2.056	65	61879	52.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.960%	
21) 2-Butanone-d5	3.793	46	205908	118.090	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 118.090%	
24) Chloroform-d	4.246	84	254997	55.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.620%	
26) 1,2-Dichloroethane-d4	4.941	65	164905	54.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.480%	
32) Benzene-d6	4.960	84	477775	56.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 112.540%	
36) 1,2-Dichloropropane-d6	5.989	67	142660	55.054	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.100%	
41) Toluene-d8	7.243	98	419970	54.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.320%	
43) trans-1,3-Dichloroprop...	7.551	79	66936	51.439	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.880%	
47) 2-Hexanone-d5	8.024	63	144488	111.662	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 111.660%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	191125	56.047	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 112.100%	
66) 1,2-Dichlorobenzene-d4	11.561	152	160027	52.541	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	155066	49.151	ug/L	99
3) Chloromethane	1.214	50	153696	49.579	ug/L	99
5) Vinyl chloride	1.282	62	155522	51.682	ug/L	98
6) Bromomethane	1.487	94	91540	50.701	ug/L	98
8) Chloroethane	1.548	64	92305	51.608	ug/L	99
9) Trichlorofluoromethane	1.712	101	226553	50.274	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	123368	50.795	ug/L	99
12) 1,1-Dichloroethene	2.069	96	115210	51.155	ug/L	98
13) Acetone	2.127	43	152435	72.721	ug/L	97
14) Carbon disulfide	2.240	76	324999	51.997	ug/L	100
15) Methyl Acetate	2.375	43	160217	59.745	ug/L	100
16) Methylene chloride	2.445	84	132490	55.459	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	117777	54.030	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	440115	56.222	ug/L	99
19) 1,1-Dichloroethane	3.111	63	243114	56.933	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	133496	56.443	ug/L	95
22) 2-Butanone	3.876	43	210118	101.511	ug/L	99
23) Bromochloromethane	4.146	128	70615	57.739	ug/L	96
25) Chloroform	4.275	83	243774	55.078	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	197524	54.929	ug/L	100
29) Cyclohexane	4.580	56	195347	52.788	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	222502	55.151	ug/L	99
31) Carbon tetrachloride	4.735	117	193512	54.176	ug/L	99
33) Benzene	5.008	78	494507	56.626	ug/L	100
34) Trichloroethene	5.831	95	128101	51.605	ug/L	95
35) Methylcyclohexane	6.050	83	189855	50.308	ug/L	99
37) 1,2-Dichloropropane	6.092	63	127292	55.675	ug/L	100
38) Bromodichloromethane	6.432	83	175382	54.534	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	206382	55.714	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	398933	118.330	ug/L	100
42) Toluene	7.313	91	504283	54.562	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	192617	54.065	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	125006	56.666	ug/L	98
46) Tetrachloroethene	7.905	164	93584	50.692	ug/L	98
48) 2-Hexanone	8.075	43	309381	115.163	ug/L	99
49) Dibromochloromethane	8.175	129	130243	55.947	ug/L	97
50) 1,2-Dibromoethane	8.281	107	134525	57.467	ug/L	96
51) Chlorobenzene	8.812	112	322146	53.915	ug/L	100
52) Ethylbenzene	8.944	91	558233	53.904	ug/L	100
53) m,p-Xylene	9.072	106	210088	53.459	ug/L	100
54) o-Xylene	9.477	106	207591	53.945	ug/L	99
55) Styrene	9.493	104	363639	55.811	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	194001	58.551	ug/L	99
59) Bromoform	9.664	173	89609	54.241	ug/L	100
60) Isopropylbenzene	9.866	105	568535	53.948	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	162706	57.203	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	475250	53.461	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	475070	54.033	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	256678	52.678	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	261290	52.806	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	257419	52.723	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	48123	56.797	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	180713	49.438	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	164184	49.918	ug/L	99
71) Naphthalene	13.439	128	450139	51.163	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	167293	52.138	ug/L	98

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

