

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040924\
 Data File : VW035093.D
 Acq On : 09 Apr 2024 19:27
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050323

Quant Time: Apr 10 05:00:05 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	332896	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	322226	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	158482	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	119544	37.184	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.360%
7) Chloroethane-d5	1.526	69	113080	40.496	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.056	65	54312	38.539	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.080%
21) 2-Butanone-d5	3.786	46	216017	113.292	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.290%
24) Chloroform-d	4.246	84	260064	48.112	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.220%
26) 1,2-Dichloroethane-d4	4.940	65	165618	48.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
32) Benzene-d6	4.956	84	486856	44.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.960%
36) 1,2-Dichloropropane-d6	5.989	67	166454	48.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.860%
41) Toluene-d8	7.243	98	419930	43.080	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.160%
43) trans-1,3-Dichloroprop...	7.551	79	73572	44.031	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.060%
47) 2-Hexanone-d5	8.024	63	141707	109.048	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.050%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	244503	51.658	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.320%
66) 1,2-Dichlorobenzene-d4	11.557	152	157343	44.219	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	101027	41.872	ug/L	100
3) Chloromethane	1.217	50	151201	48.747	ug/L	99
5) Vinyl chloride	1.281	62	151396	46.559	ug/L	99
6) Bromomethane	1.481	94	89720	36.809	ug/L	99
8) Chloroethane	1.542	64	107643	48.470	ug/L	97
9) Trichlorofluoromethane	1.709	101	200224	46.914	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	120249	46.033	ug/L	98
12) 1,1-Dichloroethene	2.066	96	118750	47.531	ug/L	95
13) Acetone	2.114	43	172815	98.722	ug/L	99
14) Carbon disulfide	2.240	76	288684	41.031	ug/L	100
15) Methyl Acetate	2.371	43	186689	67.676	ug/L	98
16) Methylene chloride	2.445	84	156350	57.755	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	123700	51.211	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	506306	59.676	ug/L	98
19) 1,1-Dichloroethane	3.111	63	292026	58.955	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	154105	56.183	ug/L	99
22) 2-Butanone	3.863	43	231265	113.851	ug/L	100
23) Bromochloromethane	4.146	128	80092	58.362	ug/L	97
25) Chloroform	4.272	83	288412	58.892	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	230571	59.133	ug/L	99
29) Cyclohexane	4.580	56	175886	43.581	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	224511	53.452	ug/L	99
31) Carbon tetrachloride	4.735	117	183697	51.600	ug/L	99
33) Benzene	5.008	78	568865	54.140	ug/L	100
34) Trichloroethene	5.831	95	139398	49.159	ug/L	98
35) Methylcyclohexane	6.050	83	183207	42.780	ug/L	98
37) 1,2-Dichloropropane	6.091	63	167880	57.815	ug/L	100
38) Bromodichloromethane	6.429	83	221032	58.997	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	254896	55.724	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	483365	130.379	ug/L	99
42) Toluene	7.313	91	579403	52.671	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	236450	56.264	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	164948	60.268	ug/L	100
46) Tetrachloroethene	7.905	164	96996	48.960	ug/L	96
48) 2-Hexanone	8.072	43	383719	121.693	ug/L	99
49) Dibromochloromethane	8.175	129	161886	59.721	ug/L	100
50) 1,2-Dibromoethane	8.281	107	171286	58.131	ug/L	98
51) Chlorobenzene	8.812	112	371650	52.128	ug/L	98
52) Ethylbenzene	8.943	91	603368	49.490	ug/L	99
53) m,p-Xylene	9.072	106	218025	48.560	ug/L	98
54) o-Xylene	9.477	106	225226	50.700	ug/L	98
55) Styrene	9.493	104	403328	53.726	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	279064	62.932	ug/L	99
59) Bromoform	9.664	173	117240	64.554	ug/L	100
60) Isopropylbenzene	9.866	105	584667	51.173	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	217693	63.389	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	376993	50.807	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	470548	51.291	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	276171	51.725	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	283780	52.265	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	295126	55.487	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	58796	62.144	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	192249	49.961	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	173870	49.190	ug/L	99
71) Naphthalene	13.438	128	486971	49.658	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	188684	54.154	ug/L	99

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

