

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012624\
 Data File : VW033895.D
 Acq On : 26 Jan 2024 18:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050389

Quant Time: Jan 29 02:05:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 29 01:58:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	178428	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	166675	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	86171	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	53523	39.031	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.060%
7) Chloroethane-d5	1.519	69	45618	42.007	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.020%
11) 1,1-Dichloroethene-d2	2.056	65	24457	41.441	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.880%
21) 2-Butanone-d5	3.783	46	93689	99.607	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.610%
24) Chloroform-d	4.249	84	109742	44.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.520%
26) 1,2-Dichloroethane-d4	4.940	65	74521	47.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.080%
32) Benzene-d6	4.960	84	197071	41.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.180%
36) 1,2-Dichloropropane-d6	5.989	67	63393	40.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.280%
41) Toluene-d8	7.243	98	179889	42.135	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.260%
43) trans-1,3-Dichloroprop...	7.554	79	34506	44.763	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.520%
47) 2-Hexanone-d5	8.024	63	67594	104.476	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.480%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	89617	45.006	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.020%
66) 1,2-Dichlorobenzene-d4	11.561	152	73942	45.227	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	47246	31.829	ug/L	100
3) Chloromethane	1.214	50	65448	38.774	ug/L	99
5) Vinyl chloride	1.281	62	61985	38.386	ug/L	95
6) Bromomethane	1.471	94	31495	37.320	ug/L	99
8) Chloroethane	1.539	64	42740	44.388	ug/L	97
9) Trichlorofluoromethane	1.709	101	92210	47.854	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	48418	42.649	ug/L	96
12) 1,1-Dichloroethene	2.066	96	49774	46.481	ug/L	95
13) Acetone	2.111	43	89112	99.089	ug/L	99
14) Carbon disulfide	2.236	76	137286	37.721	ug/L	100
15) Methyl Acetate	2.371	43	75009	51.007	ug/L #	100
16) Methylene chloride	2.445	84	62270	47.667	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	51645	43.175	ug/L	93
18) Methyl tert-butyl Ether	2.703	73	218699	50.835	ug/L	98
19) 1,1-Dichloroethane	3.111	63	110796	45.306	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	63301	47.549	ug/L	94
22) 2-Butanone	3.863	43	105732	96.802	ug/L	96
23) Bromochloromethane	4.146	128	33323	51.524	ug/L #	84
25) Chloroform	4.275	83	113908	49.127	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	101290	52.302	ug/L	100
29) Cyclohexane	4.580	56	79101	33.664	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	97132	48.561	ug/L	98
31) Carbon tetrachloride	4.735	117	80973	47.428	ug/L	100
33) Benzene	5.008	78	228782	46.733	ug/L	100
34) Trichloroethene	5.834	95	57252	43.597	ug/L	96
35) Methylcyclohexane	6.050	83	78700	35.019	ug/L	95
37) 1,2-Dichloropropane	6.091	63	62857	46.660	ug/L	98
38) Bromodichloromethane	6.432	83	88663	50.311	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	107259	47.679	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	201369	100.881	ug/L	97
42) Toluene	7.317	91	240011	46.379	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	100206	48.337	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	62375	51.031	ug/L	99
46) Tetrachloroethene	7.905	164	42974	44.616	ug/L	96
48) 2-Hexanone	8.075	43	154742	97.290	ug/L	98
49) Dibromochloromethane	8.178	129	66920	52.567	ug/L	99
50) 1,2-Dibromoethane	8.281	107	65275	50.534	ug/L	97
51) Chlorobenzene	8.815	112	155824	47.271	ug/L	98
52) Ethylbenzene	8.947	91	267307	44.597	ug/L	100
53) m,p-Xylene	9.072	106	99246	44.850	ug/L	99
54) o-Xylene	9.477	106	101910	46.519	ug/L	98
55) Styrene	9.496	104	175750	46.467	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	98283	50.525	ug/L	98
59) Bromoform	9.667	173	48565	53.027	ug/L	96
60) Isopropylbenzene	9.866	105	264874	45.431	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	79722	52.130	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	228904	45.759	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	230404	46.226	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	124791	47.386	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	123248	46.674	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	127464	49.535	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	25151	56.991	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	87787	45.110	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	80841	45.768	ug/L	99
71) Naphthalene	13.438	128	237517	51.460	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	82882	50.273	ug/L	99

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

