

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011024\
 Data File : VW033572.D
 Acq On : 10 Jan 2024 19:53
 Operator : SY/MD
 Sample : P1059-03MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCH91MSD

Quant Time: Jan 11 00:54:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:32:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	327853	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	311126	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	155106	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	117634	46.686	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.380%
7) Chloroethane-d5	1.526	69	91302	45.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.520%
11) 1,1-Dichloroethene-d2	2.060	65	50224	46.315	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.620%
21) 2-Butanone-d5	3.783	46	161926	93.692	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.690%
24) Chloroform-d	4.249	84	207689	46.096	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	4.941	65	135776	46.640	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.280%
32) Benzene-d6	4.960	84	409343	46.279	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.560%
36) 1,2-Dichloropropane-d6	5.989	67	134178	46.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.180%
41) Toluene-d8	7.243	98	367054	46.057	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.120%
43) trans-1,3-Dichloroprop...	7.551	79	66643	46.314	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.620%
47) 2-Hexanone-d5	8.021	63	120321	99.629	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.630%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	169212	45.525	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.040%
66) 1,2-Dichlorobenzene-d4	11.561	152	138724	47.140	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	125276	45.931	ug/L	100
3) Chloromethane	1.214	50	149785	48.295	ug/L	99
5) Vinyl chloride	1.285	62	144595	48.733	ug/L	100
6) Bromomethane	1.478	94	77009	49.661	ug/L	97
8) Chloroethane	1.545	64	85894	48.549	ug/L	99
9) Trichlorofluoromethane	1.712	101	174742	49.353	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	101995	48.895	ug/L	99
12) 1,1-Dichloroethene	2.069	96	98390	50.005	ug/L	97
13) Acetone	2.108	43	285832	172.975	ug/L	99
14) Carbon disulfide	2.240	76	327556	48.980	ug/L	100
15) Methyl Acetate	2.368	43	130643	48.348	ug/L #	100
16) Methylene chloride	2.445	84	115334	48.049	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	106861	48.619	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	398789	50.448	ug/L	100
19) 1,1-Dichloroethane	3.111	63	239947	53.399	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	123261	50.389	ug/L	99
22) 2-Butanone	3.860	43	224295	111.759	ug/L	96
23) Bromochloromethane	4.146	128	58783	49.466	ug/L	95
25) Chloroform	4.275	83	213100	50.019	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	181311	50.952	ug/L	100
29) Cyclohexane	4.584	56	218224	49.753	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	188561	50.503	ug/L	100
31) Carbon tetrachloride	4.735	117	160553	50.378	ug/L	100
33) Benzene	5.011	78	463195	50.688	ug/L	100
34) Trichloroethene	5.831	95	119939	48.929	ug/L	98
35) Methylcyclohexane	6.050	83	202489	48.268	ug/L	99
37) 1,2-Dichloropropane	6.092	63	128238	50.996	ug/L	99
38) Bromodichloromethane	6.432	83	166307	50.555	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	211752	50.426	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	382103	102.549	ug/L	100
42) Toluene	7.313	91	481866	49.883	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	196148	50.688	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	115328	50.546	ug/L	97
46) Tetrachloroethene	7.905	164	86639	48.187	ug/L	98
48) 2-Hexanone	8.072	43	277248	93.381	ug/L	99
49) Dibromochloromethane	8.175	129	119696	50.370	ug/L	100
50) 1,2-Dibromoethane	8.281	107	121969	50.585	ug/L	99
51) Chlorobenzene	8.815	112	303329	49.296	ug/L	99
52) Ethylbenzene	8.947	91	551501	49.292	ug/L	99
53) m,p-Xylene	9.072	106	203220	49.199	ug/L	99
54) o-Xylene	9.477	106	204115	49.914	ug/L	99
55) Styrene	9.497	104	348253	49.326	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	183675	50.584	ug/L	99
59) Bromoform	9.664	173	87172	52.879	ug/L	98
60) Isopropylbenzene	9.866	105	548721	52.288	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	146219	53.118	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	464640	51.603	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	468911	52.266	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	239653	50.557	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	239983	50.491	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	239026	51.606	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	42765	53.836	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	173752	49.603	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	155679	48.966	ug/L	99
71) Naphthalene	13.439	128	410781	49.445	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	147934	49.851	ug/L	99

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

